HUMAN RESOURCE DEVELOPMENT CLIMATE IN INFORMATION TECHNOLOGY ORGANISATIONS

Dr. Deepakshi Gupta¹ and Dr. Neena Malhotra²

Abstract

An organisation can become more dynamic and growth oriented by proper selection of people and by nurturing their competencies. Organisations are continuously improving the human resource development climate to meet the requirements of competitive and dynamic environment in the changing global scenario. Human resource development climate is an integral part of organisational climate. Organisational climate is a set of policies, practices and conditions which exist in the working environment to improve the skills of employees. The present paper, examines human resource development climate of different information technology organizations in India. The study is based on survey of in 13 selected information technology organisations such as Tata Consultancy Services, Wipro Technologies, Infosys Technologies Ltd., Hindustan Computer Ltd. (HCL), Dell International, Birlasoft, Pyramid Consulting Inc., Quark Inc., Semi-Conductor Laboratory (SCL Ltd.), Alcatel-Lucent Technologies, Attra, Kanbay International and Omnia Technologies from Delhi, Bangalore, Pune, Chandigarh and Mohali respectively. In this study, five-point Likert-scale, item-wise mean score and corresponding percentage scores, Standard deviations and ANOVA analysis have been used to evaluate the data and to draw inferences about prevailing human resource development climate in information technology organisations.

Keywords: ANOVA Analysis, Human Resource Development, Organizational climate, Human Resource Development Climate.

Introduction

HRD aims at achieving higher and fuller development and utilization of human resource potential and for that purpose creating appropriate environment, values and culture for HR growth in organizational context. The structures, systems and techniques used by an organisation to help employees acquire and strengthen their capabilities are called HRD mechanisms which facilitate favourable HRD climate in the organisations. However organisations differ in the extent to which they are successful in promoting favourable HRD climate and hence a comparative study based on a comprehensive measure of HRD climate in Indian Information Technology industry is highly desirable.

Review of Literature

Rao and Abraham (1991) studied the human resource development climate in the surveyed organisations and found it to be at average level in India. Aileni and Prasad (1995) examined the relationship between organisational climate and job satisfaction of the lower level managers in a public sector undertaking. The study reveals that the satisfied group gave top ranks to interpersonal relationship, risk taking and management of rewards.

Mobile. No- 9417277917; E-mail: malhotradrneena@gmail.com

¹ Associate Professor, CGC, Gharuan, Chandigarh

Mobile. No. – 9478426192; E-mail: deepakshi_gupta_99@yahoo.co.in

² Associate Professor, Punjab School of Economics, GNDU, Amritsar, Punjab

On the other side, the dissatisfied group gave top priority to supervision, communication and decision-making. Jain and Singhal (1997) study took into account three human resource development mechanisms including management policy, potential appraisal and organisational development to study variances of human resource development climate on account of these mechanisms. The effect of personal factors on human resource development climate was found to be low but positive. Pillai (2000) made an attempt to study the influence of the human resource development climate existing in banks on the learning orientation of the employees. The findings of the study show that about 57 percent of respondents perceive the learning, and development climate existing in banks as moderate. Pattanayak (2000) conducted a study on, the effect of shift-work and hierarchical position on satisfaction, commitment, stress and human resource development climate in a steel plant. The study calls for greater emphasis to be laid on human resource development interventions for improving organisational synergy. Tripathi, S. and Tripathi, N. (2002) studied the relationship between organisational climate and organisational success; which includes effectiveness, job satisfaction, organisational commitment and intention to quit. The results show that the climate is highly correlated with all components of effectiveness.

Ganesan, Samuel, Rajkumar and Saravanan (2002), studied the 'Determinants of Employee Relations Climate in Public Sector Undertakings.' The study revealed that by improving factors like working conditions, level of supervision, communication and worker's participation etc. favourable climate can be achieved. Purang (2006) in a comparative study of Public, Private and Multinational organizations shows that the human resource development climate scores of the two private organisations and the MNC are significantly higher than the two PSUs. Majee (2006) in the study of Chittaranjan Locomotive Workshop finds moderate level of HRD Climate with a lot of scope for improvement because HRD climate is the lifeblood for organization. Mufeed (2006) highlights the need for a focus on key elements of human resource development in hospitals. Lim and Morris (2006) study reveals that trainees' characteristics, instructional factors and organisational climate are closely correlated with both the trainees perceived learning and learning transfer collectively. Srimannarayana (2007) attempted to assess the extent of human resource development climate in Dubai organisations, such as shipping, banking, tourism, trading and food businesses. The results reveal moderate level of general HRD climate in the organisations.

Data-Base and Methodology

In the present paper, organisation-wise human resource development climate of information technology sector has been studied. The present research is carried out in 13 selected different information technology organisations, such as Tata Consultancy Services, Wipro Technologies, Infosys Technologies Ltd., Hindustan Computer Ltd. (HCL), Dell International, Birlasoft, Pyramid Consulting Inc., Quark Inc., Semi-Conductor Laboratory (SCL Ltd.), Alcatel-Lucent Technologies, Attra, Kanbay International and Omnia Technologies from Delhi, Bangalore, Pune, Chandigarh and Mohali respectively. Questionnaires used in the work of Rao and Abraham (1986), Paul, and Anatharaman (2002) have been used in the present paper. Some modifications have been made in our questionnaire according to the requirements of our paper. We have tried to make it more effective instrument to measure the human resource development climate in information technology industry.

Human resource development climate survey includes the ten different dimensions in the study. These ten different dimensions are - rigorous selection process, value-based induction, comprehensive training, team based job design, working conditions/environment, employee friendly work environment, development oriented performance appraisal, compensation, career development and value added incentives. These dimensions include - 54

items in the questionnaire of human resource development climate survey. In this study fivepoint Likert-scale has been used to evaluate the prevailing human resource development climate dimensions in information technology organisations, in which mean score 5 indicates - almost always true (AAT), mean score 4 indicates - mostly true (MT), mean score 3 indicates -sometimes true (ST), mean score 2 indicates - rarely true (RT) and mean score 1 indicates - not at all true (NAT). Mean score 4 indicates that employees in these organisations agree that good human resource development climate prevailed in the organisations. It indicates that human resource development climate is of a desirable level, whereas mean score 3 indicates an average human resource development and mean score 2 indicates poor human resource development climate on each dimension. In the present study, mean scores have been converted into percentage scores by using the formula, percentage score = (Mean Score-1) × 25. Score of 1 represents - 0 percent, 2 represents - 25 percent, 3 represents - 50 percent, 4 represents - 75 percent and 5 represents - 100 percent. The percentage score indicates the degree to which a particular dimension exists in that organisation out of the ideal 100. Hence, it is desirable for an organisation to have percentage scores above 50 on each, and overall on all items. For evaluating the results of human resource development climate survey, the item-wise mean score, and corresponding percentage scores are calculated. Standard deviations formula is also applied to know the nature of the distribution. On the basis of overall mean score different ranks have been assigned to different organisations. The highest-rated organisation has been ranked one, the second highest-rated rank two, and so on until the lowest-rated company that is given rank 13. The mean score of all items for each dimension gives the dimension score, and the total of all the means gives the total human resource development climate score of the organisations.

Findings of the Study

This paper gives dimension-wise analysis of human resource development climate in the different organizations that were covered. These dimensions are: rigorous selection procedure, value based induction, comprehensive training, team-based job design, working conditions/environment, employee friendly work environment, compensation, development oriented performance appraisal, career development and value added incentives.

Dimension1 shows that mean score, percentage and standard deviation in different information technology organisations in rigorous selection process. Tata Consultancy Services has attained the highest rank that is one. The overall mean score, percentage and standard deviation of Tata Consultancy Services organisation are 4.79, 94.67 and 0.40 respectively. Kanbay International and Attra organisations have attained equal rank 2 with same overall mean score 4.75 respectively. Whereas Semi-Conductor Laboratory (SCL Ltd) with overall mean score 4.20 and Omnia Technologies with overall mean score 3.91 have attained lowest rank that is 11 and 12 in rigorous selection process dimension.

Dimension 2 conveys that in value based induction dimension Tata Consultancy Services has again attained the highest rank, that is one. The overall mean score, percentage and standard deviation of Tata Consultancy Services organisation are 4.70, 92.38 and 0.52 respectively. Infosys Technologies Ltd. has attained second highest rank in value based induction with overall mean score 4.50, percentage 87.62 and standard deviation 0.63 respectively. Wipro Technologies and Attra, both organisations have attained same rank that is nine with mean score 4.20. Semi-Conductor Laboratory (SCL Ltd.) with overall mean score 4.09 and Omnia Technologies with overall mean score 3.50 have attained lowest rank that is 11 and 12 respectively in value based induction. It indicates scope for improvement.

Dimension 3 depicts that Tata Consultancy Services has attained first rank with mean score 4.57, percentage 89.17 and standard deviation 0.54 respectively. Alcatel-Lucent Technologies has attained second rank with mean score 4.45, percentage 86.17 and standard

deviation and 0.67 respectively. Quark Inc. with overall mean score 3.73 and Omnia Technologies with overall mean score 3.41 have attained lowest rank that is 12 and 13 respectively. It indicates the scope for improvement in these organisations.

Dimension 4 conveys that Alcatel-Lucent Technologies has attained first place in team based job design. The overall mean score, percentage and standard deviation of Alcatel-Lucent Technologies are 4.55, 88.63 and 0.62 respectively. Tata Consultancy Services has attained second highest rank with overall mean score 4.46 percentage 86.46 and standard deviation 0.67 respectively. Hindustan Computer Ltd. (HCL), Dell International and Kanbay International have acquired same rank in this dimension that is four with overall mean score 4.18. Attra, Wipro Technologies and Birlasoft have attained five rank with overall mean score 4.08. Semi-Conductor Laboratory (SCL Ltd) with overall mean score 3.86 and Omnia Technologies with overall mean score 3.59 have attained lowest rank that is eight and nine rank.

Dimension 5 shows that Tata Consultancy Services has again attained first rank for providing favourable working conditions with mean score 4.60, percentage 90.00 and standard deviation 0.58 respectively. Infosys Technologies Ltd. with overall mean score 4.56, percentage 89.05 and standard deviation 0.59 has attained second highest rank in providing good working conditions. Pyramid Consulting Inc. with overall mean score 4.02 and Omnia Technologies with overall mean score 3.42 have attained the lowest rank that is 12 and 13 respectively.

Dimension 6 reveals that Tata Consultancy Services has attained first rank for providing favourable work environment with mean score 4.51, percentage 87.71 and standard deviation 0.60 respectively. Infosys Technologies Ltd. with overall mean score 4.44, percentage 85.89 and standard deviation 0.73 has attained second highest rank in providing employee friendly work environment. Birlasoft and Wipro Technologies with overall mean score 4.09 have attained equal rank that is nine. Semi-Conductor Laboratory (SCL Ltd.) with overall mean score 3.47 and Omnia Technologies with overall mean score 3.31 have attained the lowest rank that is 11 and 12 respectively. Tata Consultancy Services has attained first rank for providing favourable working conditions with mean score 4.60, percentage 90.09 and standard deviation 0.50 respectively.

Dimension 7 shows that Hindustan Computer Ltd. (HCL) with overall mean score 4.46, percentage 86.48 and standard deviation 0.56 has attained second highest place in development oriented performance appraisal. Quark Inc. with overall mean score 3.79 and Omnia Technologies with overall mean score 3.35 have attained lowest rank that is 12 and 13 respectively. It depicts the scope for improvement in these two organisations.

Dimension 8 depicts that Tata Consultancy Services has attained the highest rank in this dimension of providing good compensation packages. The mean score, percentage and standard deviation of Tata Consultancy Services are 4.52, 87.92 and 0.51 respectively. Alcatel-Lucent Technologies has attained the second highest rank with overall mean score 4.35, percentage 83.63 and standard deviation 0.66 respectively. Both Quark Inc. and Semi-Conductor Laboratory (SCL Ltd.) with mean score 3.85 have attained equal rank that is 11. Whereas Omnia Technologies with overall mean score 3.53 has attained the lowest rank that is 12.

Dimension 9 conveys that Tata Consultancy Services has attained the highest rank with mean score 4.39, percentage 84.72 and standard deviation 0.66 respectively. Infosys Technologies Ltd. has attained the second highest rank in this dimension with mean score 4.34, percentage 83.61 and standard deviation 0.66 respectively. Pyramid Consulting Inc. with overall mean score 3.66 and Omnia Technologies with overall mean score 3.35 have attained the lowest rank that is 12 and 13 respectively.

Dimension 10 conveys that Hindustan Computer Ltd. (HCL) has attained highest rank with overall mean score 4.60, percentage 90.00 and standard deviation 0.53 respectively. Second highest rank is attained by Infosys Technologies Ltd with overall mean score 4.35, percentage 83.75 and standard deviation 0.75 respectively. Omnia Technologies with overall mean score 3.30 and Semi-Conductor Laboratory (SCL Ltd.) overall mean score 3.10 have attained lowest ranks that is 12 and 13 respectively.

The overall mean score of all dimensions of surveyed organisations are more than 3 score, it shows desirable environment in information technology industry. Human resource development climate in information technology industry as revealed by the surveyed data is good, positive and favourable. The best organisations in terms of human resource development climate are - Tata Consultancy Services and Infosys Technologies Ltd., whereas the poorly performing organisations are Omnia Technologies and Semi-Conductor Laboratory (SCL Ltd.). Overall mean score of two dimensions - career development and value added incentives is less compare to other dimensions which indicates need for further improvement.

Mean Score, Percentage and Standard Deviation of the Organisations on Various Dimensions of Human Resource Development Climate

Table 3 shows organisation-wise total of all mean score of all dimensions. Tata Consultancy Services has attained the highest rank that is one on the basis of 45.39 total mean score of human resource development climate. Total mean score of human resource development climate in Infosys organisation is 44.37 with rank two. Alcatel-Lucent Technologies has attained third rank with 43.55 total mean score; Dell international has attained fourth rank with 42.90 total mean score, Hindustan Computer Ltd. (HCL) has attained fifth rank with 42.67 total mean score, Attra has attained sixth rank with 41.99 total mean score, Birlasoft has attained seventh rank with 41.67 total mean score, Kanbay has attained eight rank with 41.33 total mean score, Wipro has attained ninth rank with 41.07 total mean score, Pyramid Consulting Inc. has attained tenth rank with 40.83 total mean score, Quark has attained eleventh rank with 39.12 total mean score, Semi-Conductor Laboratory (SCL Ltd.) has attained twelve rank with 38.81 total mean score and Omnia technology has attained thirteen rank with 34.67 total mean score. Total mean score of Pyramid Consulting Inc., Quark, Semi-Conductor Laboratory (SCL Ltd.), and Omnia technologies have attained low ranks which indicate further scope for improvement in these organisations. Total mean score of all these organisations show satisfactory human resource development climate.

Item-Wise ANOVA Analysis of Different Information Technology Organisations

One-way ANOVA analysis has been used to analyze the item-wise mean differences among the means of different 13 information technology organisations. Human resource development climate survey includes the ten different dimensions in the study. These ten dimensions include - 54 items in the questionnaire of human resource development climate survey. Item-wise ANOVA analysis of mean scores of various items in the human resource development climate survey shows that whether the item-wise mean scores among 13 organisations are significantly different from each other or not. If the calculated value of F statistic of an item is higher than the tabulated value at 1% or 5% level of significance, we can conclude that there are significant mean differences among 13 information technology organisations. Results of ANOVA analysis in table 3 show that all the item-mean scores of these organisations are significantly different from each other as the calculated values of F ratio are higher than tabulated values of F ratio. Thus, null hypothesis of equal means of these

organisations is rejected and we can conclude that human resource development climate varies from organisation to organisation.

Conclusions

Most of the employees are highly satisfied with the prevailing human resource development practices, policies and climate in the different organisations. Information technology industry being a knowledge-led industry needs knowledgeable, trained and expert employees. Various facilities, such as good working conditions, good and friendly relations with employees, good infrastructure, advance and multiple skills training, high wage rates and perks have been provided to its employees. In information technology organisations employees are selected through various rounds of tests and interviews as per organisations' requirement. In information technology industry multi-skill training is given to employees because this industry is complicated, dynamic and technical in nature.

In these organisations physical conditions, infrastructure, safety standards and canteen, refreshment facilities, sanitation, ventilation and furnishing, working environment, employees and management friendly relationship are up to the mark. Such human resource development climate motivates employees in a positive way. Different organisations pay different wages, perks and compensation and also promote career plans for personal as well as organisational development. Attractive bonus, flexible compensation and benefits, soft loans, stock options are provided to employees on the basis of their performance in different information technology organisations. Hence, human resource development has become an integral part of the surveyed information technology organisations.

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Table - 1
Sample Size of Selected Information Technology Organisations

S. No.	Name of Organisations	Nature of Organisations	Sample Size
1	Tata Consultancy Services	Software	30
2	Wipro Technologies	Software	30
3	Infosys Technologies Ltd.	Software	30
4	Hindustan Computer Ltd.(HCL)	BPO	30
5	Dell International	BPO	50
6	Birlasoft	Software	25
7	Pyramid Consulting Inc.	BPO	50
8	Semi-Conductor Laboratory (SCL)	Hardware	30
9	Alcatel-Lucent Technologies	Software	50
10	Attra	Software	35
11	Kanbay International Inc.	Software	40
12	Omnia Technologies	ВРО	50
13	Quark	Software	50

	Human Resource Development Climate in Different Information Technology Organizations TCS WIPRO INFOSYS HCL DELL F									BIRLASOFT								
Items Dimension – 1:			ζD			ζD.				_		\$D			SD		%age	
Dimension – 1: Rigorous Selection	iviean	%age	שט	iviean	%age	אס	iviean	%age	שט	iviean	%age	שן	iviean	%age	מפ	iviean	%age	שן
Process																		
Overall Mean Score	4.79	94.67	0.40	4.49	87.33	0.55	4.60	90.00	0.54	4.29	82.17	0.62	4.30	82.50	0.69	4.37	84.20	0.75
Rank	1			5			3			10			9			8		
Dimension – 2:																		
Value-Based																		
Induction	4.70	00.00	0.50	4.20	00.10	0.50	4.50	07.60	0.62	4.15	70.20	0.50	4.40	07.00	0.60	4 41	0.5.20	0.61
Overall Mean	4.70	92.38	0.52	4.20	80.12	0.59	4.50	87.62	0.63	4.17	79.29	0.72	4.48	87.00	0.60	4.41	85.29	0.61
Score Rank	1			9			2			10			3			5		
Dimension – 3:	1			,						10			3			3		
Comprehensive																		
Training																		
Overall Mean	4.57	89.17	0.54	4.22	80.56	0.60	4.43	85.83	0.74	4.20	80.00	0.69	4.32	83.00	0.68	4.36	84.00	0.65
Score	<u></u>														<u></u>			<u></u>
Rank	1			9			3			10			5			4		
Dimension – 4:																		
Team Based Job																		
Design		0 - 1 -	0.45	4.00	=	0.7	4.00	0.4.70	0 = 4	4.40			4.40		0.11	4.00		
Overall Mean	4.46	86.46	0.67	4.08	76.88	0.64	4.38	84.58	0.71	4.18	79.38	0.70	4.18	/9.50	0.66	4.08	77.00	0.72
Score Rank	2			5			3			4			4			5	<u> </u>	
Dimension - 5:	2			3			3			4			4			3		
Working Condition																		
Overall Mean	4.60	90.00	0.58	4.09	77.14	0.60	4.56	89.05	0.59	4.18	79.40	0.74	4.40	85.00	0.61	4.39	84.71	0.63
Score	1.00	70.00	0.50	1.07	, , ,	0.00	1.50	07.05	0.57	0	77.10	0., .	1.10	05.00	0.01	1.57	0 1.71	0.03
Rank	1			11			2			9			4			5		
Dimension 6:																		
Employee Friendly																		
Work Environment																		
Overall Mean	4.51	87.71	0.60	4.09	77.19	0.61	4.44	85.89	0.73	4.15	78.75	0.67	4.30	82.56	0.71	4.09	77.31	0.66
Score	1			0						-			4			0		
Rank Dimension 7:	1			9			2			6			4			9		
Dimension 7: Development																		
Oriented																		
Performance																		
Appraisal																		
Overall Mean	4.60	90.09	0.50	4.18	79.44	0.51	4.44	86.02	0.67	4.46	86.48	0.56	4.26	81.39	0.65	4.27	81.78	0.65
Score																		<u> </u>
Rank	1			8			3			2			7		<u> </u>	6		<u> </u>
Dimension 8:																		
Compensation Overall Mean	1.50	87.92	0.51	4.02	75 62	0.50	4. 33	83 22	0.79	1 22	80.63	0.70	1 22	82.88	0.57	4 22	80.50	0.65
Score	4.52	01.92	0.51	4.03	13.03	0.33	4. 33	03.33	0.78	4.23	00.03	0.70	4.32	0∠.88	0.57	4.22	00.30	0.03
Rank	1			10			3			5			4			6		
Dimension 9:	Ė			10									<u> </u>					t
Career																		
Development	L					L			L		L	L			L	L		L
Overall Mean	4.39	84.72	0.66	4.09	77.36	0.80	4.34	83.61	0.66	4.21	80.14	0.68	4.26	81.58	0.67	4.12	78.00	0.70
Score																		<u> </u>
Rank	1			8			2			5			3		ļ	7		ļ
Dimension 10:																		
Value Added																		
Incentive	1.25	01.27	0.00	2.00	CE 00	0.07	1 25	0275	0.75	4.60	00.00	0.52	4.00	77.00	0.02	2.26	50.00	0.74
Overall Mean	4.25	81.25	0.89	3.60	65.00	υ.84	4.35	83.75	υ./5	4.60	90.00	0.53	4.08	77.00	0.82	3.36	59.00	0.74
Score	3			8			2			1			4		-	11	<u> </u>	-
Rank)	<u> </u>		0			7	l	<u> </u>	1	I		4	l		11	<u> </u>	

Contd.

Items	PYRA	MID		SC	ī.		AL	CATE	L	A'	ГТRA		KA	NBAY	7	ON	MNIA		OI	JARK	
Dimension – 1:	Mean		SD		%age	SD	Mean	1	SD	Mean		SD	1	%age	SD		%age	SD	_	%age	SD
Rigorous Selection	1,10411	, ouge	52	1,10411	, ouge		1.10411	/ouge	52	1,10411	/ouge	52	1,10411	, ouge	52	1,10411	, ouge	52	1110411	/ouge	0.0
Process																					
Overall Mean Score	4.40	85.10	0.59	4.20	80.00	0.52	4.42	85.60	0.65	4.75	93.86	0.49	4.75	93.75	0.44	3.91	72.70	0.84	4.57	89.20	0.59
Rank	7			11			6			2			2			12			4		
Dimension – 2:																					
Value-Based																					
Induction																					
Overall Mean Score	4.23	80.71	0.65	4.09	77.26	0.55	4.44	86.00	0.62	4.20	79.90	0.45	4.25	81.25	0.45	3.50	62.57	0.77	4.21	80.21	0.73
Rank	7			11			4			9			6			12			8		
Dimension – 3:																					
Comprehensive																					
Training																					
Overall Mean Score	4.31	82.67	0.75	4.16	78.89	0.61	4.45	86.17	0.67	4.24	80.95	0.50	4.28	81.88	0.48	3.41	60.17	0.79	3.73	68.17	1.05
Rank	6			11			2			8			7			13			12		
Dimension – 4:																					
Team Based Job																					
Design																					
Overall Mean Score	3.96	73.88	0.67	3.86	71.46	0.73	4.55	88.63	0.62	4.08	76.96	0.58	4.18	79.53	0.45	3.59	64.63	0.77	4.02	75.50	0.77
Rank	7			8			1			5			4			9			6		
Dimension - 5:																					
Working Condition																					
Overall Mean Score	4.02	75.43	0.78	4.36	83.93	0.82	4.44	86.07	0.63	4.32	82.96	0.61	4.11	77.77	0.51	3.42	60.43	0.71	4.28	82.00	0.72
Rank	12			6			3			7			10			13			8		
Dimension 6:																					
Employee Friendly																					
Work Environment																					
Overall Mean Score	4.24	80.97	0.75	3.47	61.67	0.91	4. 36	83.94	0.68	4.14	78.48	0.56	4.10	77.58	0.52	3.31	57.78	0.67	3.82	70.44	0.86
Rank	5			11			3			7			8			12			10		
Dimension 7:																					
Development																					
Oriented																					
Performance																					
Appraisal																					
Overall Mean Score	4.35	83.83	0.75	3.88	71.94	0.74	4.32	83.00	0.65	4.10	77.46	0.45	4.03	75.76	0.47	3.35	58.78	0.66	3.79	69.78	0.86
Rank	4			11			5			9			10			13			12		
Dimension 8:																					
Compensation																					
Overall Mean Score	4.09	77.13	0.70	3.85	71.25	0.70	4.35	83.63	0.66	4.11	77.68	0.44	4.05	76.25	0.51		63.25	0.70		71.13	0.92
Rank	8			11			2			7		ļ	9			12			11		ļ
Dimension 9: Career																					
Development																					
Overall Mean Score	3.66	66.58	0.76	3.84	71.11	0.61	4.20	80.08	0.70	1	80.48	0.82		75.94	0.81		58.75	0.72		67.08	0.94
Rank	11			10			6			4			9			13			12		
Dimension 10: Value																					
Added Incentive																					
Overall Mean Score		64.25	0.74		52.50	0.92		75.50	0.83	3.83	70.71	1.08		63.44	1.01		57.50	0.89		65.50	1.01
Rank Source: Prim	9			13			5			6			10			12			7		

Table 3

Total of all Dimensions' Mean Score, Percentage and Standard Deviation

Organisations	7	ГCS		W	IPRO		IN	FOSYS			HCL			DELL		BIR	LASOF	T
Dimensions	Mean	%age	SD															
Rigorous Selection	4.79	94.67	0.40	4.49	87.33	0.55	4.60	90.00	0.54	4.29	82.17	0.62	4.30	82.50	0.69	4.37	84.20	0.75
Process																		
Value-Based Induction	4.70	92.38	0.52	4.20	80.12	0.59	4.50	87.62	0.63	4.17	79.29	0.72	4.48	87.00	0.60	4.41	85.29	0.61
Comprehensive Training	4.57	89.17	0.54	4.22	80.56	0.60	4.43	85.83	0.74	4.20	80.00	0.69	4.32	83.00	0.68	4.36	84.00	0.65
Team-Based Job Design	4.46	86.46	0.67	4.08	76.88	0.64	4.38	84.58	0.71	4.18	79.38	0.70	4.18	79.50	0.66	4.08	77.00	0.72
Working Conditions/	4.60	90.00	0.58	4.09	77.14	0.60	4.56	89.05	0.59	4.18	79.40	0.74	4.40	85.00	0.61	4.39	84.71	0.63
Environment																		
Employee Friendly Work	4.51	87.71	0.60	4.09	77.19	0.61	4.44	85.89	0.73	4.15	78.75	0.67	4.30	82.56	0.71	4.09	77.31	0.66
Environment																		
Development Oriented	4.60	90.09	0.50	4.18	79.44	0.51	4.44	86.02	0.67	4.46	86.48	0.56	4.26	81.39	0.65	4.27	81.78	0.65
Performance Appraisal																		
Compensation	4.52	87.92	0.51	4.03	75.63	0.53	4.33	83.33	0.78	4.23	80.63	0.70	4.32	82.88	0.57	4.22	80.50	0.65
Career Development	4.39	84.72	0.66	4.09	77.36	0.80	4.34	83.61	0.66	4.21	80.14	0.68	4.26	81.58	0.67	4.12	78.00	0.70
Value-Added Incentives	4.25	81.25	0.89	3.60	65.00	0.84	4.35	83.75	0.75	4.60	90.00	0.53	4.08	77.00	0.82	3.36	59.00	0.74
Total Human Resource	45.39			41.07			44.37			42.67			42.90			41.67		
Development Climate																		
Rank	1			9			2			5			4			7		

Source: Primary Survey Contd.

35.10 0.59 30.71 0.65 32.67 0.75 73.88 0.67	Mean 4.20 4.09 4.16	%age 80.00 77.26 78.89	0.52	4.44	85.60	SD 0.65 0.62	Mean 4.75 4.20	93.86	0.49	Mean 4.75	Ü		Mean 3.91	%age 72.70			%age 89.20	
80.71 0.65 32.67 0.75 73.88 0.67	4.09	77.26	0.55	4.44						4.75	93.75	0.44	3.91	72.70	0.84	4.57	89.20	0.59
32.67 0.75 73.88 0.67	4.16				86.00	0.62	4.20	70.00	0.45									
32.67 0.75 73.88 0.67	4.16				86.00	0.62	4.20	70.00	0.45									1
73.88 0.67		78.89	0.61	4.45		l .	0	13.30	0.45	4.25	81.25	0.45	3.50	62.57	0.77	4.21	80.21	0.73
	3.86				86.17	0.67	4.24	80.95	0.50	4.28	81.88	0.48	3.41	60.17	0.79	3.73	68.17	1.05
	3.86																	
15 12 0 79		71.46	0.73	4.55	88.63	0.62	4.08	76.96	0.58	4.18	79.53	0.45	3.59	64.63	0.77	4.02	75.50	0.77
75.43 0.78	4.36	83.93	0.82	4.44	86.07	0.63	4.32	82.96	0.61	4.11	77.77	0.51	3.42	60.43	0.71	4.28	82.00	0.72
30.97 0.75	3.47	61.67	0.91	4.36	83.94	0.68	4.14	78.48	0.56	4.10	77.58	0.52	3.31	57.78	0.67	3.82	70.44	0.86
33.83 0.75	3.88	71.94	0.74	4.32	83.00	0.65	4.10	77.46	0.45	4.03	75.76	0.47	3.35	58.78	0.66	3.34	58.61	0.76
77.13 0.70	3.85	71.25	0.70	4.35	83.63	0.66	4.11	77.68	0.44	4.05	76.25	0.51	3.53	63.25	0.70	3.85	71.13	0.92
66.58 0.76	3.84	71.11	0.61	4.20	80.08	0.70	4.22	80.48	0.82	4.04	75.94	0.81	3.35	58.75	0.72	3.68	67.08	0.94
54.25 0.74	3.10	52.50	0.92	4.02	75.50	0.83	3.83	70.71	1.08	3.54	63.44	1.01	3.30	57.50	0.89	3.62	65.50	1.01
	38.81			43.55			41.99			41.33			34.67			39.12		
	12			3			6			8			13			11		
33 77	0.83 0.75 7.13 0.70 5.58 0.76	3.83 0.75 3.88 7.13 0.70 3.85 5.58 0.76 3.84 7.25 0.74 3.10 38.81	3.83 0.75 3.88 71.94 7.13 0.70 3.85 71.25 5.58 0.76 3.84 71.11 7.25 0.74 3.10 52.50 38.81	3.83 0.75 3.88 71.94 0.74 7.13 0.70 3.85 71.25 0.70 6.58 0.76 3.84 71.11 0.61 7.25 0.74 3.10 52.50 0.92 38.81	3.83 0.75 3.88 71.94 0.74 4.32 3.13 0.70 3.85 71.25 0.70 4.35 3.58 0.76 3.84 71.11 0.61 4.20 3.25 0.74 3.10 52.50 0.92 4.02 38.81 43.55	3.83 0.75 3.88 71.94 0.74 4.32 83.00 3.13 0.70 3.85 71.25 0.70 4.35 83.63 3.58 0.76 3.84 71.11 0.61 4.20 80.08 3.25 0.74 3.10 52.50 0.92 4.02 75.50 38.81 43.55	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 38.81 43.55	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 38.81 43.55 41.99	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 7.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 38.81 43.55 41.99	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 38.81 43.55 41.99	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 38.81 43.55 41.99 41.33	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 7.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 5.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 38.81 43.55 41.99 41.33	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 0.47 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 0.51 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 0.81 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 1.01 38.81 43.55 41.99 41.33	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 0.47 3.35 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 0.51 3.53 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 0.81 3.35 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 1.01 3.30 38.81 43.55 41.99 41.33 34.67	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 0.47 3.35 58.78 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 0.51 3.53 63.25 3.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 0.81 3.35 58.75 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 1.01 3.30 57.50 38.81 43.55 41.99 41.33 34.67 34.67	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 0.47 3.35 58.78 0.66 3.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 0.51 3.53 63.25 0.70 5.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 0.81 3.35 58.75 0.72 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 1.01 3.30 57.50 0.89 38.81 43.55 41.99 41.33 41.33 34.67 34.67	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 0.47 3.35 58.78 0.66 3.34 7.13 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 0.51 3.53 63.25 0.70 3.85 6.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 0.81 3.35 58.75 0.72 3.68 6.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 1.01 3.30 57.50 0.89 3.62 38.81 43.55 41.99 41.33 41.33 34.67 39.12	3.83 0.75 3.88 71.94 0.74 4.32 83.00 0.65 4.10 77.46 0.45 4.03 75.76 0.47 3.35 58.78 0.66 3.34 58.61 3.83 0.70 3.85 71.25 0.70 4.35 83.63 0.66 4.11 77.68 0.44 4.05 76.25 0.51 3.53 63.25 0.70 3.85 71.13 5.58 0.76 3.84 71.11 0.61 4.20 80.08 0.70 4.22 80.48 0.82 4.04 75.94 0.81 3.35 58.75 0.72 3.68 67.08 3.25 0.74 3.10 52.50 0.92 4.02 75.50 0.83 3.83 70.71 1.08 3.54 63.44 1.01 3.30 57.50 0.89 3.62 65.50 38.81 43.55 41.99 41.33 41.33 34.67 39.12

Table - 4
Item-Wise ANOVA Analysis of Different Information Technology Organisations

Particulars	ANOVA	Sum of Squares	df	Mean Squares	F
(A) Rigorous Selection Process					
Select the candidates, our company conducts					
(a) Written Test	Between groups	27.2775	12	2.27	*5.0113
	Within groups	220.9048	487	0.45	
	Total	248.1823	499		
(b) Test On Programming Skills	Between groups	43.9785	12	3.66	*8.0504
	Within groups	221.7013	487	0.46	
	Total	265.6798	499		
(c) Technical Interview	Between groups	32.4220	12	2.70	*8.5253
	Within groups	154.3390	487	0.32	
	Total	186.7610	499		
(d) General Interview	Between groups	47.3615	12	3.95	*12.3562
	Within groups	155.5562	487	0.32	
	Total	202.9177	499		
2. Our company looks at candidate's	Between groups	36.3835	12	3.03	*7.0039
ability to work in a team.	Within groups	210.8198	487	0.43	
	Total	247.2033	499		
(B) Value-Based Induction					
1. Our Company organizes a formal	Between groups	65.7905	12	5.48	*15.7927
induction programme for new comers very effectively	Within groups	169.0657	487	0.35	
	Total	234.8562	499		
2. Induction training provides an excellent opportunity for new comers to learn comprehensively about					
(a) The organisation in general	Between groups	46.0720	12	3.84	*9.2067
	Within groups	203.0874	487	0.42	
	Total	249.1594	499		
(b) Its mission and goals	Between groups	52.6185	12	4.38	*10.6288
	Within groups	200.9095	487	0.41	
	Total	253.5280	499		
(c) Its norms and values	Between groups	51.3160	12	4.28	*11.7268
	Within groups	177.5912	487	0.36	
	Total	228.9072	499		
(d) Its customs	Between groups	54.8030	12	4.57	*10.6395
	Within groups	209.0407	487	0.43	
	Total	263.8437	499		
3. Induction training is used as an opportunity in our company to	Between groups	45.7780	12	3.81	*8.9106
create bonds between the company	Within groups	208.4962	487	0.43	

	Particulars	ANOVA	Sum of Squares	df	Mean Squares	F
	and the new employees.	Total	254.2742	499		
4.	The new recruits find induction	Between groups	40.5905	12	3.38	*7.0570
	training very useful in this organisation.	Within groups	233.4264	487	0.48	
	organisation.	Total	274.0169	499		
(C)	Comprehensive Training					
1.	The training needs of each	Between groups	49.3988	12	4.12	*8.2929
	individual are identified in order to develop critical skills needed for the	Within groups	241.7464	487	0.50	
	assigned work.	Total	291.1452	499		
2.	When employees are sponsored for	Between groups	70.8125	12	5.90	*9.7018
	training, they take it seriously	Within groups	296.2131	487	0.61	
		Total	367.0256	499		
3.	The technical skills of the employees	Between groups	66.9480	12	5.58	*11.9603
	are constantly upgraded through a variety of training programmes,	Within groups	227.1664	487	0.47	
	workshops and seminar	Total	294.1144	499		
(D)	Team-Based Job Design					
1.	Self-managed work teams and semi-	Between groups	51.1850	12	4.27	*7.9903
	autonomous work groups are the building blocks of the work system	Within groups	259.9724	487	0.53	
	building blocks of the work system	Total	311.1574	499		
2.	The actual job duties are shaped	Between groups	32.1330	12	2.68	*5.1195
	more by the employees than by a specific job description	Within groups	254.7257	487	0.52	
		Total	286.8587	499		
3.	Employees are given the details of	Between groups	47.2480	12	3.94	*9.5884
	the consumers and their requirements	Within groups	199.9800	487	0.41	
	1-1	Total	247.2280	499		
4.	Individuals and groups are involved	Between groups	47.6630	12	3.97	*9.3726
	in making decisions that affect their work	Within groups	206.3817	487	0.42	
	WOIR	Total	254.0447	499		
(E)	Working Conditions/ Environment					
1.	The quality of physical conditions	Between groups	16.0200	12	1.34	*2.9909
	provided in the work-place is good.	Within groups	217.3712	487	0.45	
		Total	233.3912	499		
2.	Our company provider excellent	Between groups	54.9965	12	4.58	*8.2172
	infrastructure and support services	Within groups	271.6181	487	0.56	
	for high performance.	Total	326.6146	499		
3.	Sources of frequent interruption or	Between groups	46.9715	12	3.91	*9.0086
	distraction that degrade the	Within groups	211.6048	487	0.43	
	effectiveness of work environment are identified and minimized	Total	258.5763	499		
4.	Periodic improvements are made to	Between groups	49.9730	12	4.16	*8.7869
	the work environment that increases effectiveness in performing work	Within groups	230.8057	487	0.47	

Particulars	ANOVA	Sum of Squares	df	Mean Squares	F
	Total	280.7787	499		
5. Sanitation, ventilation and	Between groups	75.6465	12	6.30	*14.9399
furnishing facilities in the company are good	Within groups	205.4895	487	0.42	
are good	Total	281.1360	499		
6. Canteen and refreshment facilities	Between groups	76.0390	12	6.34	*12.3835
arrangement are good	Within groups	249.1962	487	0.51	
	Total	325.2352	499		
7. Safety standards maintained by the	Between groups	68.5980	12	5.72	*14.4901
department are good	Within groups	192.1274	487	0.39	
	Total	260.7254	499		
(F) Employee Friendly Work					
Environment		0.5.10.7.5		7.00	
1. The top management believes that human sources are an extremely	Between groups	87.6055	12	7.30	*14.8151
important resource and that they	Within groups	239.9798	487	0.49	
have to be treated more humanly.	Total	327.5853	499		
2. The top management of this	Between groups	70.1735	12	5.85	*11.4846
organisation goes out of its way to make sure that employees enjoy	Within groups	247.9731	487	0.51	
their work	Total	318.1466	499		
3. The top management is willing to invest a considerable part of their	Between groups	89.5615	12	7.46	*14.8235
time and other resource to ensure	Within groups	245.1990	487	0.50	
the development of employees.	Total	334.7605	499		
4. The top management of this	Between groups	75.1835	12	6.27	*13.2674
organisation makes efforts to identify and utilize the potential of	Within groups	229.9779	487	0.47	
employees.	Total	305.1614	499		
5. Seniors guide their juniors and	Between groups	59.5505	12	4.96	*8.8963
prepare them for future	Within groups	271.6581	487	0.56	
responsibilities / roles they are likely to take-up	Total	331.2086	499		
6. When seniors delegate authority to	Between groups	58.6265	12	4.89	*8.6682
juniors, the juniors use it as an	Within groups	274.4798	487	0.56	
opportunity for development	Total	333.1063	499		
7. Employees are not afraid to express	Between groups	109.7160	12	9.14	*17.2468
or discuss their feeling with their colleagues.	Within groups	258.1724	487	0.53	
concagues.	Total	367.8884	499		
8. Employees are encouraged to take	Between groups	65.0325	12	5.42	*8.2775
initiative and do things on their own without having to wait for	Within groups	318.8448	487	0.65	
instructions from supervisors.	Total	383.8773	499		
9. Employees are not afraid to express	Between groups	87.9220	12	7.33	*16.5863
or discuss their feelings with their superiors.	Within groups	215.1274	487	0.44	
superiors.	Total	303.0494	499		
10. Employees are not afraid to express	Between groups	83.2965	12	6.94	*16.3402
or discuss their feelings with their	Within groups	206.8798	487	0.42	

Particulars		ANOVA	Sum of Squares	df	Mean Squares	F
subordinates.		Total	290.1763	499	•	
11. Employees are encou		Between groups	125.2725	12	10.44	*22.4939
experiment with new try out creative ideas		Within groups	226.0162	487	0.46	
try out creative ideas	•	Total	351.2887	499		
12. Weakness of employ		Between groups	80.3895	12	6.70	*13.3509
communicated to the threatening way.	em in a non-	Within groups	244.3629	487	0.50	
		Total	324.7524	499		
13. Employees in this or very informal and do		Between groups	75.9590	12	6.33	*10.7058
discuss their persona		Within groups	287.9429	487	0.59	
with their superiors/	subordinates.	Total	363.9019	499		
14. Communication in the is both at upwards an		Between groups Within groups	83.5830 219.8057	12 487	6.97 0.45	*15.4322
effective.	id downward is	Total	303.3887		0.43	
15 Decembe in this arrawi	antina dan't			499	4.07	*0.1066
15. People in this organi have any fixed ment		Between groups Within groups	59.6320 265.7495	12 487	4.97 0.55	*9.1066
about each other.		Total	325.3815	499	0.00	
16. Team spirit is of high	n order in this	Between groups	64.5290	12	5.38	*10.2916
organisation.		Within groups	254.4590	487	0.52	
		Total	318.9880	499	0.32	
(G) Development Orien	ted	10001	210,5000	122		
Performance Appra						
1. Our performance app		Between groups	67.6735	12	5.64	*12.8039
provides feedback fr	om superiors.	Within groups	214.4981	487	0.44	
		Total	282.1716	499		
2. There is high employ		Between groups	66.5395	12	5.54	*12.6220
participation in the a process.	ppraisal	Within groups	213.9429	487	0.44	
process.		Total	280.4824	499		
3. Performance apprais	al is based on					
(a) Individual result	s	Between groups	73.0000	12	6.08	*12.0577
		Within groups	245.7007	487	0.50	
		Total	318.7007	499		
(b) Group results		Between groups	57.8340	12	4.82	*12.9009
		Within groups	181.9324	487	0.37	
		Total	239.7664	499		
(c) Quantifiable star	ndards, such as	Between groups	55.2235	12	4.60	*9.5256
the value of project of		Within groups	235.2781	487	0.48	
		Total	290.5016	499		
(d) Qualitative stand	ards, such as	Between groups	80.6495	12	6.72	*15.9880
teamwork.	,	Within groups	204.7179	487	0.42	
		Total	285.3674	499		
4. The objective of the	appraisal	Between groups	49.0990	12	4.09	*8.4092
process is employee		Within groups	236.9540	487	0.49	3.1072
		winni groups	230.3340	+0/	U. + 2	

	Particulars	ANOVA	Sum of Squares	df	Mean Squares	F
		Total	286.0530	499	_	
5.	If performance problems occur they	Between groups	60.7560	12	5.06	*12.3081
	are discussed with the appropriate	Within groups	200.3295	487	0.41	
	individuals or groups.	Total	261.0855	499		
6.	Performance appraisal reports in	Between groups	60.6645	12	5.06	*12.4831
	our organisation are based on objective assessment and adequate	Within groups	197.2248	487	0.40	
	information and not on favoritism.	Total	257.8893	499		
(H) Compensation					
1.	1	Between groups	58.5695	12	4.88	*9.8989
	package is determined through a document procedure that is	Within groups	240.1229	487	0.49	
	consistent with organisation's compensation policy, strategy and plan.	Total	298.6924	499		
2.	Compensation is primarily	Between groups	38.5930	12	3.22	*7.0405
	determined by results achieved /	Within groups	222.4600	487	0.46	
	contribution to the company.	Total	261.0530	499		
3.	Decisions regarding an individual's	Between groups	36.9065	12	3.08	*6.1268
	compensation package are	Within groups	244.4645	487	0.50	
	communicated to the individual.	Total	281.3710	499		
4.	In our company high performers are	Between groups	64.8205	12	5.40	*13.9640
	given higher pay package.	Within groups	188.3864	487	0.39	
		Total	253.2069	499		
(I)	Career Development					
1.	In our company a personal	Between groups	68.0800	12	5.67	*9.8780
	development plan is created and	Within groups	279.7050	487	0.57	
	maintained for each individual.	Total	347.7850	499		
2.	Company provides every employee	Between groups	56.3550	12	4.70	*7.9002
	with opportunities to choose a	Within groups	289.4967	487	0.59	
	career path to suit the individual's core competence.	Total	345.8517	499		
3.	An individual's development plan	Between groups	50.1160	12	4.18	*7.1386
	and activities are periodically	Within groups	284.9124	487	0.59	
	reviewed to determine whether organisational competency needs	Total	335.0284	499	0.03	
4.	will be met. Individuals in this company have	Between groups	58.3285	12	4.86	*8.8112
	clear career paths within the	Within groups	268.6531	487	0.55	0.0112
	organisation.	Total	326.9816	499		
5.	Our company has created a learning	Between groups	62.4260	12	5.20	*9.2921
٥.	environment in the organisation for	Within groups	272.6450	487	0.56	7.2721
	both professional and personal	Total	335.0710	499	_	
6.	growth. Job rotation in this organisation	Between groups	68.2830	12	5.69	*9.6003
	facilities employee development.	Within groups	288.6524	487	0.59	
		Total	356.9354	499		

Particulars	ANOVA	Sum of Squares	df	Mean Squares	F
(J) Value-Added Incentives					
Employees are offered an extremely flexible compensation and benefits	Between groups	83.2505	12	6.94	*7.4058
package like housing assistance,	Within groups	456.2074	487	0.94	
stock options, soft loans and asset acquisition assistance.	Total	539.4579	499		
2. Extensive performance-based	Between groups	70.0488	12	5.84	*9.1501
incentives and bonuses are available to all employees.	Within groups	310.6867	487	0.64	
available to all elliployees.	Total	380.7355	499		

<sup>Significant at 1% level of significance
Significant at 5% level of significance</sup>