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A study on the moderating effect of cultural dimensions on job-related diversity and team performance in an Indian automotive industry

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ABSTRACT--*In today's changing business environment, team performance is critical to the survival and having higher impact on the success of the organization. Though, the relevant literature highlights the importance of diversity on team performance, previous studies have mainly focused on demographic and job-related diversity on team performance but not address the moderating effect of cultural dimensions. To address this gap, this study integrates the independent variable as job-related diversity and team performance as dependent variable and examined whether the cultural dimensions are moderated or not. The results of the analysis have demonstrated the effect of job-related diversity on team performance which was moderated by team power distance and team collectivism, such that higher power distance teams and more collectivistic teams exhibited stronger positive effects of job-related diversity on team performance.*

Keywords-- *Cultural dimensions, power distance, individualism versus collectivism, job-related diversity, team performance.*

I. INTRODUCTION

Team performance is defined as the extent to which a team accomplishes its goals or mission (Devine & Philips, 2001). Successful performance for any team requires members who can complete the technical portions of the team goals or mission (i.e., have specialized expertise), as well as effectively navigate team processes (Bell, 2007). Team members must engage in a number of team processes or "interdependent acts that convert inputs to outcomes through cognitive, verbal, and behavioral activities directed toward organizing task work to achieve collective goals" (Marks, Mathieu, &Zaccaro, 2001).

On the other hand, diversity is often depicted as a "double-edged sword" in contemporary organizational theory. Although in theory, creating teams with diverse talents seems to be an effective human resources strategy (Cox & Blake, 1991; Devine, Clayton, Philips, Dunford, &Melner, 1999), in practice, the use of diverse teams creates unique challenges and often results in unstable performance. Previous meta-analyses (Horwitz & Horwitz, 2007; Webber & Donahue, 2001) examined the relationship between demographic diversity and team performance at the aggregate level, reporting only estimates for all highly job-related or task-related demographic variables together and all less job related or bio demographic variables together. Based on this notion, diversity of attributes that are "highly job related" (e.g., educational background, functional background) are thought to be positively related to team performance, whereas those that are "less job related" (i.e., age, sex, race) are not (Pelled, 1996).

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Moreover, theories such as separation and disparity conceptualizations are generally consistent with theories suggesting that diversity on a demographic variable leads to negative outcomes such as misunderstandings and a lack of cohesion (e.g., similarity–attraction theory, social identity theory, and social categorization theory; Harrison & Klein, 2007). Despite the potential for diversity effects in the opposite direction (depending on the conceptualization of diversity), it is not clear what differences were included in previous meta-analytic estimates that aggregated not only different demographic variables (e.g., functional background, educational background) but also different conceptualizations of diversity (e.g., functional background variety with organizational tenure disparity) into one overarching category (e.g., highly job related) (Bell, Villado, Lukasik, Belau & Briggs, 2011).

When researchers made claims that diversity (whether highly job related or less job related) had no relationship with team performance, they did not make clear whether included estimates measured team member differences with operationalizations that were able to capture the spirit of the theoretical justification (Bell, Villado, Lukasik, Belau & Briggs, 2011).Both the positive and negative opinion exist on the effect of job-related diversity on team performance.

This study is intended to extend the existing literature by testing the cultural dimensions as the moderator. Cultural diversity in organizations can enhance teams' performance, innovation and production and it should be useful in gaining insights regarding the team work ability of the people of the organizations, and about the values, beliefs and behavior of the people (Issa, R.,2015). Individualism versus collectivism, power distance, uncertainty avoidance, masculinity versus femininity and fatalism are the relevant cultural dimensions to the performance management (Aguinis, H., Joo, H., & Gottfredson, R.K., (2012). While some studies showed positive effects of culturally heterogeneous teams (Cox, T. H., & Blake, S., 1991), other studies yielded negative effects (Chevrier, S., 2003; Gupta, V.K., Govindarajan, Johnson, T., 2001; Maznevski, M.L., Chudoba, K.M., 2000; Millhous, L.M., 1999) or revealed a curvilinear relationship between cultural diversity and team performance (Earley,P.C, Mosakowski.E., 2000).

To summarize, the central purpose of the present study is to examine empirically the relationship of moderator between the job-related diversity and team performance, which incorporates cultural dimensions as a moderator. Furthermore, many studies have done on the area of cultural dimensions and team performance has been analyzed in numerous empirical studies (Earley,P.C, Mosakowski.E., 2000; Milliken, F.J & Martins, L.L, 1996; Stahl, G.K, Mäkelä, K, Zander, L &Maznevskie, L.M, 2010; Williams, K.Y & O'Reilly, C.A, 1998; Zhou, A., Qu, B.Y., Li, H., Zhao, S.Z., Suganthan, P.N., & Zhang, Q., 2011) but the moderating effect of cultural dimensions as a moderator and that too for an India automotive industry is a specific drive of this study.

II. THEORETICAL BACKGROUND AND HYPOTHESIS DEVELOPMENT

First, job-related diversity variables are functional background (FB), education (ED) and organization tenure (OT) which is considered as the independent variables. Second, team performance (TP) is considered as independent variable. Finally, based on the literature review, there are two conceptually based moderators; power distance (PD) and individualism versus collectivism (IVC) because they influence the relationship between job-related diversity and team performance

III. JOB-RELATED DIVERSITY AND TEAM PERFORMANCE

Job-related diversity

Team diversity refers to the distributional differences among members of a team with respect to a common attribute (Harrison & Klein, 2007). Despite the potential positive effects for team diversity on some attributes, several theories suggest that increased diversity can lead to decreased cooperation, coordination, and cohesion among team members and, ultimately, decreased team performance (Milliken & Martins, 1996). The job-related diversity variables most commonly studied in the literature: functional expertise, educational background and organizational tenure (Horwitz, 2005).Pelled (1996) expanded the team diversity literature by categorizing diversity into two major themes: highly job-related and less job-related attributes in which job relatedness was operationally defined as the extent to which the attribute reflects experience, skills, or perspectives pertinent to cognitive work tasks. Pelled used her analysis to argue that highly job-related attributes such as functional expertise, education, and industry background had a stronger impact on team performance than less job-related attributes such as gender and ethnicity. These attributes for job-related diversity is taken from an integrated model of social information processing perspectives on workgroup diversity (Horwitz, 2005, page no. 226).

Functional expertise

Functional background is thought to be important in terms of reflecting a team member's type of knowledge, as well as shaping a team member's attitude and perspective (Bantel& Jackson, 1989; Hambrick & Mason, 1984). Schemas are thought to develop through experiences and they are further ingrained by goals and rewards relevant to those experiences (Locke & Latham, 2002). Employees who spend their time in a functional division of an organization should be exposed to and be influenced by information relevant to those functional areas, and they should develop beliefs consistent with their functional roles (Chattopadhyay, Glick, Miller, & Huber, 1999). A team composed of members from diverse functional backgrounds should have a broader range of perspectives and knowledge to draw on, and they should be able to outperform teams with members from homogeneous backgrounds. From the study done by Homberg & Bui (2013), it is evolved that there is no relationship between TMT diversity (functional, educational. Tenure & gender) on team performance. Keeping all these in analysis, it is hypothesized as follows

H1: There is a positive relationship between functional background diversity and team performance.

Education

Educational level pertains to an individual's highest educational achievement. Although educational level is often investigated as a diversity variable (Jehn&Bezrukova, 2004), having members spread across different education levels (i.e., variety) is not likely to increase the breadth of perspectives needed to increase performance on most tasks. Bantel and Jackson's early work (1989) included educational level as a predictor of innovation but not in terms of educational-level diversity. Instead, the authors proposed that education level influences innovation through an additive combination of team members' education levels. Indeed, to the extent that educational level is related to general mental ability (Sewell & Shah, 1967), teams composed of members higher in educational level should outperform teams composed of members with lower levels of education. Likewise, previous meta-analyses

showed a relationship between general mental ability and team performance, with team mean general mental ability a better predictor than heterogeneity (Bell, 2007)

H2: There is a positive relationship between education and team performance.

Organizational tenure

Organizational tenure is the amount of time that a team member has worked with the organization (Bell, Villado, Lukasik, Belau & Briggs, 2011). Team members' organizational tenure may influence performance through its ties with organizational socialization—the process through which an individual comes to understand the social knowledge, values, and expected behaviors necessary to assume an organizational role (Sturman, 2003). A team composed of members with long organizational tenure may have a greater understanding of how to successfully operate within the organizational system. For example, members of a research and development team with long organizational tenure might have a better understanding of how to access valued organizational resources (e.g., money, upper management support) needed for team performance. In addition, members of organizations develop a common unique language that facilitates transmission of work-related information, which should make communication among team members with greater organizational tenure more efficient (Bell, Villado, Lukasik, Belau & Briggs, 2011).

H3: There is a positive relationship between organizational tenure and team performance.

IV. THE MODERATING ROLE OF CULTURAL DIMENSIONS

There are many models available for national cultural dimensions which has special properties that meet the needs of the environment from a particular perspective because the multiplicity of theories never repeal or replace Hofstede national culture theory (Al Mubarak, H., Al Alawi, M., & Razzaque, A., 2017). He identified six national cultural dimensions such as (1) Power Distance, (2) Uncertainty avoidance, (3) Individualism versus collectivism, and (4) Masculinity versus femininity, (5) Long-term versus short-term Orientation, and (6) Indulgence versus Restraint (Hofstede, G., 2011). It is predicted that in work teams, two values identified by Hofstede (1980), power distance and individualism versus collectivism, would moderate the relationship between job-related diversity team performance, which is also considered as the most important dimensionsin an Indian scenario. Regarding power distance, according to Hofstede country comparison results, India scores high for this dimension, 77, which indicates a high level of inequality in regards to power and wealth within the society. This condition is not necessarily subverted upon the population, but rather accepted by the population as a cultural norm. In this type of society, managers' count on the obedience of their team members and employees expect to be directed clearly in regard totheir functions and what is expected of them. For individualism versus collectivism, Hofstede country comparison results said that India is a society with clear collectivistic traits as it scores a 48 for this dimension. This indicates that there is a high preference for belonging to a larger social framework. Individuals are expected to act in accordance to the greater good of one's defined in-group(s). Many members of the Indian society have their future prescribed for them by the government, church, or family. In such situations, the actions of the individual are influenced by various concepts such as the opinion of one's family, extended family, neighbors, work group and other such wider social networks that one has some affiliation toward. The relationship between

an employer and an employee is one based on expectations – loyalty from the employee and familial protection from the employer.

Power Distance

Power distance is defined as the extent to which people regard unequal status differences as legitimate (Hofstede, 1980). In a high power distance culture, team participation is presumed as decisions are made by managements (Hofstede, 1980). The high power distance characteristics: hierarchy in organizations reflects existential inequality between higher and lower levels, centralization is popular, there is a wide salary range between the top and bottom of the organization, managers rely on superiors and on formal rules, there are more supervisory personnel, Power is based on tradition or family, charisma and the ability to use force, there is more perceived corruption, the powerful should have privileges, and so on (Hofstede 2010).Earley (1999) argued that in high power distance work teams, low-status members are highly sensitive to input from high-status members. In an effort to win the favor of high-status members and thus work toward enhancing their own status, low-status members endorse the opinions and accept the influence of high-status members. Earley's theory was supported by the results of an experiment in which he created work teams with varying levels of power distance. In high power distance teams but not in low power distance teams, the team's judgment of its efficacy was strongly influenced by the individual judgments conveyed by high-status members. It was stated that the power distance index has been identified to positively correlate with leadership, process management and business performance (Flynn, B. B., & Saladin, B. 2006); it can therefore be hypothesized that:

H4: The positive direct effect of Job-related diversity on team performance is moderated by power distance. The higher the power distance, the stronger the positive association between job-related diversity and team performance.

Individualism versus collectivism

Individualism versus collectivism is defined as the degree to which members of a society are expected to be responsible for others. A collectivist society is the one in which ties between individuals are a lot stronger (Hofstede G,1983). It was founded that the individualistic team members exert a negative influence on team performance (Gundlach, M., Zivnuska, S., & Stoner, J., 2006). On the other hand, it was founded that the high individualism in innovative companies negatively affects the success of products development and the acceptance of technological innovation (Lin, L.H., 2009) and concluded that the functioning of an employee individually had a negative impact on performance (Larson, E. W., &Gobeli, D. H., 1988). It is analyzed that individualistic team members exert negative influence on team performance (Gundlach ,Zivnuska& Stoner, 2006). Another study has found that the collectivistic values may reinforce cooperative goals and an open-minded discussion of views which in turn results in strong relationships and team productivity (Tjosvold, law & Sun, 2003). It is also explored that the collectivism team members positively related with the collective leadership but negatively with the power distance (Hiller, Day &Vance, 2006). On the basis of the theory and research discussed above, it can be hypothesized that:

H5: The positive direct effect of job-related diversity on team performance is moderated by team collectivism. The higher the collectivism, the stronger the positive association between job-related diversity and team performance.

V. METHODOLOGY

Survey & Instruments

As the study emphasized into the automotive industry, purposive sampling method was used and the target sampling defined as 200. The study considered the survey with the Indian nationalities, working in Multinational automotive industry in various departments like R & D, production, quality, process and purchasing. Questionnaire method with five-point Likert scale was used (5- Strongly Agree, 4- Agree, 3- Neutral, 2- Disagree, 1- Strongly disagree). Modified version of Hofstede VSM 2013 (Value Survey Module) is usedto analyze the moderators, power distance and individualism versus collectivism. A modified survey of Pelled (1996) is used to analyze the independent variables like functional background (FB), education (ED) and organization tenure (OT). Team Diagnostic Survey (TDS) used to analyze the team performance (TP) which is the dependent variable in this study (Wageman, R., Hackman, J.R., & Lehman, E., 2016).

VI. DATA ANALYSIS

4.1 Descriptive Statistics

Analysis indicated that there are 88.5% of male construct and 11.5% of female construct. The inference from the analysis is that the female percentage is very less in an automotive industry compare to the male. With respect to the age, from 21-29 years, there are 34.5%, from 30-39 years, there are 37.0% and from 40-49 years, there are 17.5% and from 50-60 years, there are 11.0%. The inference is that the majority of the employees lies between the age 30-39 years. With respect to the experience, upto 3 years, there are 33.0%, from 4-10 years, there are 35.5%, from 11-18 years, there are 17.5% and from 19-28 years, there are 14.0%. The inference is that in the core automotive industry, there are many employees who have the experience between 19-28 years. For the dependent and independent variables, 5 items used for each and Cronbach's alpha found good. For the dependent and independent variables, 5 items used for each and Cronbach's alpha found good.

Variables	Cronbach's alpha
FB	0.858
ED	0.798
OT	0.786
TP	0.905
PD	0.861
IVC	0.836

4.2 Hypothesis tests

To test the hypothesis 1, 2 & 3, Pearson correlation coefficient done between the seven variables of this study, Functional background (FB), Education (ED), Organization Tenure (OT), Power distance (PD), individualism vs. collectivism (IVC) and team performance (TP).

Table 1: Pearson Correlation Coefficient between factors of job-related diversity and team performance

Variables	FB	ED	OT	PD	IVC	TP
FB	1.000	0.342**	0.141**	0.327**	0.300**	0.696**
ED	-	1.000	0.325**	0.246**	0.486**	0.556**
OT	-	-	1.000	0.298**	0.475**	0.471**
PD	-	-	-	1.000	0.260**	0.298**
IVC	-	-	-	-	1.000	0.746**
TP						1.000

** Denotes significant at 1% level & * denotes significant at 5% level

Initial observation is that all the variables are positively correlated which is significant at 1% level. The correlation coefficient between the cultural dimension, individualism versus collectivism and the team performance is 0.746 which indicate 74.6% positive relationship between individualism versus collectivism and team performance and it is evident that the cultural dimension, individualism versus collectivism plays an important role on the team performance.

The correlation coefficient between functional background and the team performance is 0.696 which indicate 69.6% positive relationship between functional background and team performance and it is very obvious that the functional expertise is correlated with the team performance in an organization. The correlation coefficient between education and the team performance is 0.556 which indicate 55.6 % positive relationship between education and team performance which indicates that the education also plays an essential role for team performance.

To test the hypothesis 4 & 5, multiple regression analysis is used. Regression is the determination of statistical relationship between two or more variables. When there are more than two independent variables, the analysis concerning relationship is known as multiple correlations and the equation describing such relationship is called as the multiple regression equation. In this study, the dependent variable is team performance.

Table 2: Results of multiple regression analysis

Variables	Unstandardized Coefficients (B)	Std. Error of B	Standardized Coefficients (Beta)	t value	P value
FB	0.509	0.033	0.513	15.579	<0.001**
ED	0.139	0.043	0.114	3.245	0.001
OT	0.148	0.034	0.153	4.424	<0.001**

** Denotes significant at 1% level

The multiple correlation coefficient is 0.912 measures the degree of relationship between the actual values and the predicted values of the team performance. Because the predicted values are obtained as a linear combination of functional background, education and organization tenure, the coefficient value of 0.912 indicates that the relationship between team performance and the three independent variables is quite strong and positive. TheCoefficient of DeterminationR-squaremeasures the goodness-of-fit of the estimated Sample Regression Plane (SRP) in terms of the proportion of the variation in the dependent variables explained by the fitted sample regression equation. Thus, the value of R square is0.832 simply means that about 83.2% of the variation in team performance is explained by the estimated SRP that uses functional background, education and organization tenure as the independent variables and R square value is significant at 1 % level.

Here the coefficient of functional backgroundis 0.509 represents the partial effect of functional background, holding the other variables as constant. The estimated positive sign implies that such effect is positive that team performancewould increase by 0.509 for every unit increase in functional backgroundand this coefficient value is significant at 1% level. The coefficient of education is 0.139 represents the partial effect of educationon team performance, holding the other variables as constant. The estimated positive sign implies that such effect is positive that team performancewould increase by 0.139 for every unit increase in educationand this coefficient value is not significant at 1% level. The coefficient of organization tenureis 0.148 represents the partial effect of organization tenureon team performance, holding the other variables as constant. The estimated positive sign implies that such effect is positive that team performancewould increase by 0.148 for every unit increase in organization tenureand this coefficient value is not significant at 1% level.

To test the hypothesis 4 & 5, adapted a procedure outlined by Hayes (2018) and examined the moderation effects of the cultural dimensions such as power distance and individualism versus collectivism on team performance.For power distance, R-square change due to the moderation effect is 0.024. The effects of the job-related diversity on power distance is positiveand significant (b=0.020, s.e=.002, p=<0.001) and the same way, conditional effect of power distance is positive and significant (b=0.586, s.e=0.038, p=<0.001). As the interaction term is statistically significant, it is important to probe the interaction to better interpret the nature of the moderated relationship between job-related diversity and power distance. At -1 sd (i.e., at -3.776) on the centered grit variable (representing low grit), the relationship between job-related diversity and power distance is positive and significant (b=0.030, s.e=0.003, p=<0.001). Similarly, at the mean (i.e., at 0) on the centered moderator variable (representing medium grit), the relationship is positive and significant (b=0.020, s.e=0.002, p=<0.001). Finally, at +1 sd ((i.e.,

at +3.776) on the centered grit variable (represent high grit), the relationship is positive and significant (b=0.011, s.e=0.004, p=<0.001).

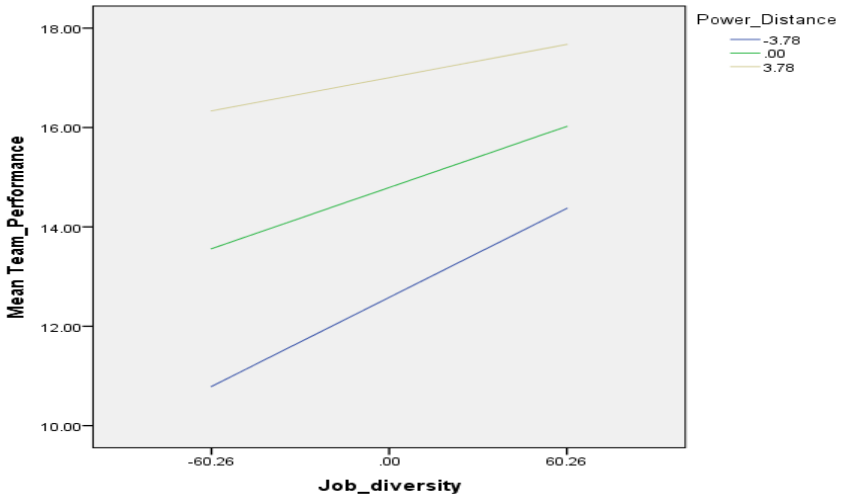

Figure 1: power distsnce

Next, for individualism versus collectivism, R-square change due to the moderation effect is 0.017. The effects of the job-related diversity on individualism versus collectivism is positive and significant (b=0.539, s.e=.031, p=<0.001) and the same way, conditional effect of individualism versus collectivism is positive and significant (b=0.477, s.e=0.033, p=<0.001). At -1 sd (i.e., at -3.600) on the centered grit variable (representing low grit), the relationship between job-related diversity and power distance is positive and significant (b=0.675, s.e=0.041, p=<0.001). Similarly, at the mean (i.e., at 0) on the centered moderator variable (representing medium grit), the relationship is positive and significant (b=0.539, s.e=0.031, p=<0.001). Finally, at +1 sd ((i.e., at +3.600) on the centered grit variable (represent high grit), the relationship is positive and significant (b=0.402, s.e=0.047, p=<0.001).

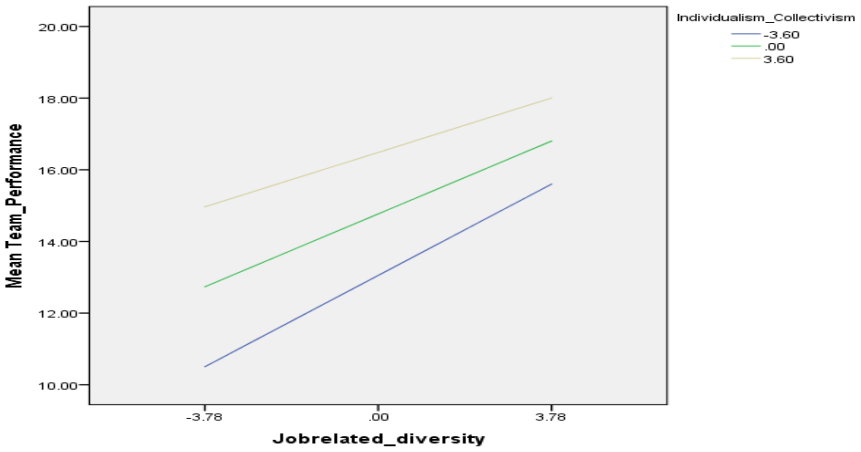

Figure 2: jodrelated dilverslity

VII. DISCUSSIONS

This study explored the positive correlation of job-related diversity on team performance and also, confirmed the effect of the moderators such as power distance and individualism versus collectivism. Job-related diversity influenced team performance and consequently, team performance to a greater extent among teams that were in high in power distance and separately high in collectivism.

Table 3: Hypothesis

S.No	HYPOTHESIS	REASON OR ACCEPTANCE/ REJECTION	RESULT
1.	H1: FB is positively related to TP	Beta value= 0.513, p=<0.001	Accepted
2.	H2: ED is positively related to TP	Beta value= 0.114, p=0.001	Accepted
3.	H3: OT is positively related to TP	Beta value= 0.153, p=<0.001	Accepted
4.	H4: PD is positively related to TP	Beta value= 0.020, p=<0.001	Accepted
5.	H5: IVC is positively related to TP	Beta value= 0.539, p=<0.001	Accepted

It is explored that there is a positive effect of diversity in tenure and functional background on team performance (Bezrukova,,Jehn, Zanutto& Thatcher, 2009) which is proved again in this study too that functional background and organization tenure has a positive effect on team performance. From the previous study, it has been proved that educational diversity (except for most diverse teams) enhances information use in aspects of "range" and "depth" and educational and national diversity provide information processing benefits (Dahlin, Weingart& Hinds, 2005). In this study too, it is proved that the education has a positive effect on team performance. Considering the power distance, the study of national culture (Flynn, B. B., & Saladin, B. 2006) has stated that there is a strong evidence of a national culture effect in the implementation of performance excellence, which is proven in this study also. When it comes to national cultural dimensions, Indian fall under the category of high power distance and in the case of the automotive industry where the data has been collected, managers expect the team to be so respectful and obedient in all the tasks given to them and having control on it. They want to be superior with formal rules and this will lead the direct impact on the team performance, which is the result of the study too. For individualism versus collectivism, in the positive side, India is a collectivistic quality and this cultural dimension is positively related on the team performance. If some nationalities, which is having individualist traits then, with the Indians, as it is having collectivistic behaviors, it will be in contrast and definitely reflects on the team performance. The result of the study has proven the meta-analyses which concluded that there is strong relationship between individualism versus collectivism and team performance (Hodgson, A., Hubbard, E-M., &Siemieniuch, C.E, 2012). In an automotive industry, team diversity always provides importance to the functional expertise, education and the experienced person who reside with the organisation for long time but the cultural dimensions are considered as the hidden factors. From this study, it is very evident that the cultural dimensions are moderating the team performance.

VIII. FUTURE DIRECTIONS

A number of avenues exist for future research on job-related diversity and team performance. First, more research is needed on how team cultural dimensions shape the way followers respond to performance. Additional team cultural dimensions, such as uncertainty avoidance, masculinity versus femininity, indulgence versus restraint and long term orientation versus short term orientation (Hofstede, 1980) may play important roles in diversities and team performance. For example, team may need to engage in more supportive behaviours and provide greater reassurance to persuade teams with high uncertainty avoidance to accept goals that break new ground.

IX. LIMITATIONS

Although the present sample was occupationally homogeneous and thus was well matched across societies, the single organizational context may affect the generalizability of the findings. Future studies should ideally include teams from multiple organizations and examine additional types of cultural dimensions, such as uncertainty avoidance, masculinity versus femininity, indulgence versus restraint and long term orientation versus short term orientation (Hofstede, 1980) to understand more fully how cultural dimensions affect the relationship between job-related diversity and team performance in an organization. Second, researchers may wish to explore the challenge of establishing diversities in teams with varying cultural dimensions considering different nationalities because in this study, cultural dimensions measured only for the Indians. For example, according to Hofstede country comparison results, in India there is an acceptance that there are many truths and often depends on the seeker. India's high score on long term orientation means that its members typically forgive lack of punctuality, a change of plans based on changing reality and a general comfort with discovering the fated path as one goes along rather than following an exact plan which is not the same case for American or European.

X. CONCLUSIONS

As workforces rapidly diversify and organizations expand internationally, organization face a pressing need to tailor their behaviors to followers with varied values. The findings of this study indicate that teams of subordinates vary substantially in the degree which plays a vital roleto derive superior performance and that team power distance and team collectivism are significant constructs driving these diversities. Future research should explore how the team can best harness the power of such cultural dimensions to maximize team performance.

REFERENCES

1. Aguinis, H., Joo, H., & Gottfredson, R.K., (2012). Performance management universals: Think globally and act locally. *Business Horizons*, 12, 385-392. https://doi.org /10.1016/j.bushor.2012.03.004.
2. Al Mubarak, H., Al Alawi, M., & Razzaque, A. (2017). The Importance of National Culture Dimensions influence on Quality Management Performance. *International Journal of Business Research*, 17(3), 1-14.
3. Bell,S.T., Villado, A.J., Lukasik,M.A., Belau,L., &Briggs,A.L. (2011). Getting Specific about Demographic Diversity Variable and Team Performance Relationships: A Meta-Analysis. Journal of Management, 37 (03), 709-743.

4. Bantel,K.A&Jackson,S.E(2019). TopManagementand innovations in banking: Does the composition of the top team make a difference. Strategic Management Journal.10, 107-124.
5. Bell, S.T., (2007). Deep-Level Composition Variables as Predictors of Team Performance: A Meta-Analysis. Journal of Applied Psychology, 92(03), 595-615. https: //doi.org/10.1037/0021-9010.92.3.59
6. Bezrukova, K., Jehn, K. A., Zanutto, E. L., & Thatcher, S. M. (2009). Do workgroup faultlines help or hurt? Amoderated model of faultlines, team identification, and group performance. Organization Science, 20(1), 35-50.
7. Cox, T. H., & Blake, S. (1991). Managing cultural diversity: implications for organizational competitiveness. *Academy of Management Executive*, 05 (03), 45-56. http://www.jstor.org/stable/4165021
8. Chevrier, S. (2003). Cross-cultural management in multinational project groups. *Journal of World Business*, 38, 141-149. https: //doi.org/10.1016/S1090-9516 (03)00007-5
9. Chattopadhyay, P.,Glick,W.H.,Miller,C.C&Huber,G.P.Determinants of executive beliefs: comparing functional conditioning and social influence. Strategic Management Journal. 20,763–789.
10. Devine, D. J., & Phillips, J. L. (2001). Do smarter teams do better? A meta-analysis of cognitive ability and team performance. Small Group Research, 32, 507–532
11. Devine, D.J., Clayton. L.D., Philips,J.L., Dunford,B.B,&Melner,S.B(1999).TeamsinOganizations Prevalence, Characteristics, and Effectiveness.Mall Group Research, 30(6), 678-711.
12. Dahlin, K. B., Weingart, L. R., & Hinds, P. J. (2005). Team diversity and information use. The Academy of Management Journal, 48(6), 1107-1123.
13. Earley,P.C, Mosakowski.E. (2000). Creating Hybrid Team Cultures: An Empirical Test of Transnational Team Functioning. *The Academy of Management Journal*, 43 (1), 26-49.
14. Flynn, B. B., & Saladin, B. (2006). Relevance ofBaldrige constructs in an international context: A Study of National Culture. *Journal of OperationsManagement*, 24 (05), 583-603. https: //doi.org/10.1016/j.jom.2005.09.002.
15. Gupta, V.K., Govindarajan, Johnson, T., (2001). Overview of Content Management Approaches and Strategies. *Electronic Markets*, 11(4), 281-288.
16. Gundlach,M., Zivnuska, S., & Stoner, J., (2006). Understanding the relationship between individualism–collectivism and team performance through an integration of social identity theory and the social relations model. *Human Relations*, 59 (12), 1603-1632. https: //doi.org/10.1177/0018726706073193.
17. Sujin K. Horwitz, Irwin B. Horwitz.(2007). The Effects of Team Diversity on Team Outcomes:A Meta-Analytic Review of Team Demography. Journal of Management, Vol. 33 No. 6, December 2007 987-1015 DOI: 10.1177/0149206307308587.
18. Harrison, D.A., & Klein, K.J. (2007). What's the difference? Diversity constructs as separation, variety, or disparity in organizations. Academy of Management Review, 32 (04), 1199-1228.
19. Agrawal, T. J. (2014). Beekeeping industry in India: future potential. *International Journal of Research* in Applied, Natural and Social Sciences, *2*(7), 133-140.
20. Sujin K. Horwitz.(2005).The Compositional Impact of Team Diversity on Performance: Theoretical Considerations. Human Resource Development Review Vol. 4, No. 2 June 2005 219-245 DOI: 10.1177/1534484305275847.

21. Donald C. Hambrick and Phyllis A. Mason.(1984). Upper echelons: The organization as a reflection of its top managers. Academy of Management Review. Vol.9, No.2. 1Apr 1984https://doi.org/10.5465/amr.1984.4277628.
22. Kumar, B. (2014). Impact of digital marketing and e-commerce on the real estate industry. *International Journal of Research in Business Management*, *7*, 17-22.
23. Fabian Homberg, Hong T. M. Bui.(2013). Top Management Team Diversity: A Systematic Review .Group & Organization Management. 38(4) 455 –479 .DOI: 10.1177/1059601113493925
24. Hofstede, G., (2011). Dimensionalizing Cultures: The Hofstede Model in Context. *Online Readings in* Psychology and Culture, 2(1). https://doi.org/10.9707/2307-0919.1014.
25. Hofstede, G., (1980). Motivation, leadership, and organization: Do American theories apply abroad? Organizational Dynamics. 9(1), 42-63.
26. Hofsteded, G., Hofstede, G. J., &Minkov, M. (2010). *Cultures and Organizations: Software of the Mind (3rd ed.)*. United States of America: Mc Graw Hill.
27. Sharma, S., & Goyal, P. K. (2014). Cost overrun factors and project cost risk assessment in construction industry-a state of the art review. *International Journal of Civil Engineering (IJCE) Vol*, *3*, 139-154.
28. Hofstede, G. (1983). The cultural relativity of organizational practices and theories. *Journal of* International Business Studies, 02(14), 75-89
29. Hiller, N.J, Day, D.V., & Vance, R.J., (2006). Collective enactment of leadership roles and team effectiveness: A field study. *The Leadership Quarterly*, 17, 387-397. https://doi.orgd/10.1016/j.leaqua.2006.04.004.
30. Hodgson, A., Hubbard, E-M., &Siemieniuch, C.E, (2012). Towards an Understanding of Culture and the Performance of Teams in Complex Systems. *IEEE Systems Journal*, 7 (4), 606-615.
31. Issa, R., (2015). Influence of Cultural Diversity on Team Integration in Organizations. *PM World Journal*, 04 (11), 1-20.
32. KAREN A. JEHN, KATERINA BEZRUKOVA.(2002). A field study of group diversity, workgroup context, and performance. Journal of Organizational Behavior. 25, 703–729 . DOI: 10.1002/job.257.
33. Locke,E.A,Latham, G.P (2002).BuildingaPractically Useful Theory ofGoalSetting andTaskMotivation.A 35-Year Odyssey.AmericanPsychologist.57(9),705–717.DOI:10.1037//0003-066X.57.9.705
34. Lin, L.H., (2009). Negative affect of IVC, & LTO on TQM values. Effects of national culture on process management and technological innovation. *Total Quality Management*, 20 (12), 1287–1301.
35. Sinha, r., & maurya, v. K. Matlab simulation of hybrid energy storage systems by using pmsg in remote area power supply (raps).
36. Larson, E. W., &Gobeli, D. H., (1988). IVC affect on performance. Organizing for product development projects. *Journal of Product Innovation Management* (05), 180-190.
37. Marks, M. A., Mathieu, J. E., &Zaccaro, S. J. (2001). A temporally based framework and taxonomy of team processes. Academy of Management Review, 26 (03), 356 –376.
38. Maznevski, M.L., Chudoba, K.M., (2000). Bridging Space Over Time: Global Virtual Team Dynamics and Effectiveness. *Global Virtual Team Dynamics*, 11 (5), 473-492.
39. Millhous, L.M., (1999). The Experience of Culture in Multicultural Groups: Case Studies of Russian-American Collaboration in Business. *Small Group Research*, 30 (3), 280-308

40. Milliken, F.J & Martins, L.L (1996). Searching for Common Threads: Understanding the Multiple Effects of Diversity in Organizational Groups. *The Academy of Management Review*, 21(02), 402-433. http://www.jstor.org/stable/258667.
41. Pelled, L. H. 1996. Demographic diversity, conflict, and work group outcomes: An intervening process theory. Organization Science, 7: 615-631.
42. MURUGESAN, S., & MANIKANDAN, J. THE RESTORATION OF MAIN TURBINE BARRING GEAR STOPPAGE ISSUE IN THERMAL POWER STATION.
43. Stahl, G.K, Mäkelä, K, Zander, L &Maznevskie, L.M (2010). A look at the bright side of multicultural team diversity. *Scandinavian Journal of Management,*26, (439-447). https://doi.org /10.1016/j.scaman.2010.09.009.
44. William H. Sewell & Vimal P. Shah.(1967). Socioeconomic Status, Intelligence, and the Attainment of Higher Education. Sociology of Education, Volume 40, Issue 1 (Winter, 1967), 1-23. http://links.jstor.org/sici?sici=0038-040728 196720%2940%3C1%3ASSIATA%3E2.O.C0%3B2-W.
45. Panchakshari, a. S., & kadam, m. Analysis of input process parameter of spot welding with output in low carbon steel for manufacturing of automotive components.
46. Michael C. Sturman. (2003). Searching for the Inverted U-Shaped Relationship Between Time and Performance: Meta-Analyses of the Experience/Performance, Tenure/ Performance, and Age/Performance Relationships. Journal of Management, 29(5), 290-316. doi: 10.1016/ S0149-2063_03_00028-X.
47. Tjosvold, D., law, K.S., & Sun, H.F., (2003). Collectivistic and Individualistic Values: Their Effects on Group Dynamics and Productivity in China. *Group Decision and Negotiation*, 12, 243-263.
48. PARASHAR, S. Limitations Of Aspect Oriented Programming In Industry. *Medicine and Sciences (BEST: IJHAMS), ISSN*, 2348-052
49. Sheila Simsarian Webber, Lisa M. Donahue. (2001). Impact of highly and less job-related diversity on work group cohesion and performance: a meta-analysis. Journal of management.
50. KY Williams &CA O'Reilly.(1998).Demography and diversity in organization: A review of 40 years of research. Research in organizational behavior, vol.20, pages 77-140.
51. Wageman, R., Hackman, J.R., & Lehman, E., (2005). Team Diagnostic Survey: Development of an Instrument. *The Journal of Applied Behavioral Science*, 41 (04, 373-398. http://dx.doi.org/10.1177/0021886305281984.
52. Zhou, A.,Qu,B.Y.,Li,H., Zhao, S.Z., Suganthan, P.N., & Zhang, Q, (2011). Multiobjective evolutionary algorithms: A survey of the state of art. *Swarm and Evolutionary Computation*, 01(01), 32-49. https://doi.org/10.1016/j.swevo.2011.03.001.