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INFLUENCE OF TRAINING AND DEVELOPMENT, EMPLOYEE PERFORMANCE ON JOB SATISFACTION AMONG STAFF IN SCHOOL OF TECHNOLOGY MANAGEMENT AND LOGISTICS (STML, UUM)

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Master of Human Resource Management (MHRM)



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ABSTRACT

This paper explored on the influence of training and development, employee performance on job satisfaction among staff of School of Technology Management and Logistics (STML). The purpose of this research paper is to identify the influence of training & development program and employee performance on job satisfaction among university academic and administrative staff in STML. Quantitative research method of primary source was utilized to collect the data from 69 academic and administrative respondents. The context of this study is on Universiti Utara Malaysia, Sintok, Kedah (UUM) in the northern region of Malaysia. Seven Likert scale was used to measure the degree of training & development and employee performance on job satisfaction. Progression analysis was used to analyse and test the hypothesis. The result found that training & development and employee performance positively influence on job satisfaction, and there is a significant relationship between training & development, employee performance and job satisfaction. It also established that training & development and employee performance is an effective and supportive key factor to organization and employee success. This paper presents significant theoretical contribution for academic knowledge purpose and practical contributions for practitioners.

Keyword: Human Resource Management, Training & Development, Employee Performance, Job Satisfaction.

ABSTRAK

Kertas kerja ini mengkaji pengaruh latihan & pembangunan dan prestasi pekerja terhadap tahap kepuasan bekerja di kalangan kakitangan Pusat Pengajian Pengurusan Teknologi dan Logistik (STML). Tujuan kertas kajian ini adalah untuk mengenalpasti pengaruh latihan & program pembangunan dan prestasi pekerja terhadap kepuasan bekerja di kalangan kakitangan akademik dan kakitangan pentadbiran di STML. Kaedah penyelidikan kuantitatif berdasarkan sumber utama telah digunakan untuk mengumpul data dari 69 responden di kalangan kakitangan akademik dan pentadbiran. Konteks kajian ini adalah di Universiti Utara Malaysia, Sintok Kedah (UUM) yang terletak di bahagian Utara Malaysia. Tujuh skala Likert telah digunakan untuk mengukur tahap latihan & pembangunan dan prestasi pekerja terhadap kepuasan bekerja. Analisis regrasi digunakan untuk menganalisis hipotesis. Hasil kajian yang diperolehi menunjukkan bahawa latihan & pembangunan dan prestasi pekerja adalah positif dan mempengaruhi tahap kepuasan bekerja, dan terdapat hubungan yang signifikan antara latihan & pembangunan, prestasi pekerja dan kepuasan bekerja. Ia juga menetapkan bahawa latihan & pembangunan dan prestasi pekerja adalah faktor utama yang berkesan dan memberi sokongan kepada organisasi dan kejayaan pekerja. Kajian ini menyumbang kepada teori yang penting untuk peningkatan pengetahuan akademik dan penambahbaikan kepada pengetahuan praktikal untuk pelaksana di industri.

Kata kunci: Pengurusan Sumber Manusia, Latihan & Pembangunan, Prestasi Pekerja, Kepuasan Bekerja.

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LIST OF ABRIVATIONS

HRM Human Resource Management

HRP Human Resource Practices

T&D Training & Development

EP Employee Performance

JS Job Satisfaction

STML School of Technology Management and Logistics

UUM Universiti Utara Malaysia



CHAPTER ONE

INTRODUCTION

1.1 Research overview

In past years, there have been serious deliberations about the part of human resource management (HRM) as a key resource in today's organization (Theriou & Chatzoglou, 2014). HRM also has developed in its variety to extend where it has turned into an industry, instead of only a basic occupation (Davoudi & Fartash, 2012). The impact of HRM noticeably known as human resource practices (HRP) on selecting the best execution and developing worker mindsets have been a primary zone of investigation for the past years (Delaney & Huselid, 1996; Huselid, 1995; Katou & Budhwar, 2007; Petrescu & Simmons, 2008).

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In any case, shockingly to a great number of studies have been coordinated on HRP, in the connection of making HRM of the countries to gain a better productive place and job satisfaction (Budhwar & Debrah, 2001, Singh, 2004, Yeganeh & Su, 2008). This study should also be extent to the HRM of Malaysia in particular (Mahmood, 2004). This study has been set to fill the present investigation gap and to search on the influence of HRP and job satisfaction in the setting of School of Technology Management and Logistics (STML), UUM. This study would extend the contemporary research and routine of HRM. In general, there are four HRP which are selection, performance appraisal, rewards, and development (Collins & Devanna 1992). It is exciting to reminder that

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REFERENCE

- Abbas, Q., & Yaqoob, S. (2009). Effect of leadership development on employee performance in Pakistan. *Pakistan Economic and Social Review*, 269-292.
- Achieng'odembo, S. T. (2013). Job satisfaction and employee performance within the telecommunication industry in kenya: A case of Airtel Kenya limited. Kenyatta University: Doctoral dissertation.
- Adesola, M. A., Oyeniyi, K. O., & Adeyemi, M. A. (2013). Empirical study of the relationship between staff training and job satisfaction among Nigerian Banks employees. . *International Journal of Academic Research in Economics and Management Sciences*.
- Ahmad, K. Z., & Bakar, R. A. (1994). The association between training and organizational commitment among white-collar workers in Malaysia. *International Journal of Training and Development*, 166-185.
- Ahsan, N., Abdullah, Z., Fie, D. G., & Alam, S. S. (2009). A study of job stress on job satisfaction among university staff in Malaysia: Empirical study. *European journal of social sciences*, 121-131.
- Ahsan, N., Abdullah, Z., Fie, D. G., & Alam, S. S. (2009). A study of job stress on job satisfaction among university staff in Malaysia: Empirical study. *European journal of social sciences*, 121-131.
- Aina, O. (1992). Personnel Management in Nigeria: a work-centered approach. Ikeja: Edition F Communications. .
- Antwi, J. O., Opoku, A. C., Seth, A., & Margaret, O. B. (2016). Assessing the human resource management practices of public banks from employees 'perspective: case study of selected branches of Ghana commercial bank. *Journal of Human Resrouce Management*, 4(1),13-30.
- Appleby, R. (1982). *Modern Business Administration 3rd Edition*. Great Britain: Pitman Publishing Inc. .
- Armstrong, M. (2006). A handbook of personnel management practice. London: Asia Pacific Journal of Human Resources.
- Arnoff, J. (1971). Achievement Motivations Training and Executives advancement. Journal of Applied Science New York, 7.
- Aswathappa, K. (2008). *Human resource management: Text and cases*. Delhi: Tata McGraw-Hill Publishing Company Limited.

- Babbie, E. & Mouton, J. (2006). *The Practice of Social Research. South African Edition*. Cape Town.: Oxford University Press Southern Africa.
- Bakare, K.O. (2012). Training needs of hotel employees as correlate of job satisfaction in Ile –Ife, Osun State. . *JABU international journal of social and management sciences*, 17-24.
- Bataineh, K. A. (2014). Impacts of Employee Training on the Performance of Commercial Banks in Jordan. *European Journal of Business and Management*, 192-196.
- Beardwell, I., Holden, L., & Claydon, T. . (2004). Human Resource Management a Contemporary Approach (4thed.). Harlow: Prentice Hall.
- Becker, B.E., Huselid, M.A., Pickus, P.S. and Spratt, M.F. (1997). HR as a source of shareholder value: research and recommendations. *Human Resource Management*, 39-47.
- Bellenger, D. N., Wilcox, J. B., & Ingram, T. N. (1984). An examination of reward preferences for sales managers. *Journal of Personal Selling & Sales Management*, 1-6.
- Berghe, J. V. (2011). Job satisfaction and job performance at the work place. Arcada: Thesis.
- Bhatti, M. A. & Sundram, V. P. K. (2015). *Business Research*. Petaling Jaya, Malaysia: Pearson Publication.
- Boselie, P., Dietz, G., & Boon, C. (2005). Commonalities and Contradictions in Research on Human Resource Management and Performance. *Human Resource Management Journal*, 13, 3, 67-94.
- Budhwar, P. S., & Debrah, Y. A. . (2001). Human Resource Management in Developing Countries. London: Routledge.
- Burgard, C., & Görlitz, K. (2014). Continuous training, job satisfaction and gender: An empirical analysis using German panel data. In Evidence-based HRM: a Global Forum for Empirical Scholarship. *Emerald Group Published*, 126-144.
- Burns N, & Grove, S. (1997). The Practice of Nursing Research: Conduct, Critique and Utilization. Philadelphia: WB Saunders Company.
- Byars, L. L., & Rue, L.W. (1997). *Human resource management*. USA: Irwin/McGraw-Hill.
- Castillo, J. X., & Cano, J. (2004). Factors explaining job satisfaction among faculty. *Journal of Agricultural Education*, 65-74.

- Cheramie, R. A., Sturman, M. C., & Walsh, K. (2007). Executive career management: Switching organizations and the boundaryless career. *Journal of Vocational Behavior*, 359-374.
- Chidambaram, V., & Ramachandran, A. (2012). A study on efficacy of employee training. Review of literature. Business: Theory and Practice/Verslas: Teorija ir Praktika, 275-282.
- Chih, W.-H. W., Yang, F.-H., & Chang, C.-K. (2012). The study of the antecedents and outcomes of attitude toward organizational change. *Public Personnel Management*, 597–617.
- Churchill, G. A., & Iacobucci, D. (2004). *Marketing research: Methodological foundations. 9th ed.* South Western Ohio: Thomson.
- Cole, G. (2007). Personnel and Human Resources Management, 5th edition. London: Thomson.
- Collins, E.G.C. & Devanna, M.A. (1990)). *The Portable MBA*. England: Safari Books Limited.
- Davoudi, S. M., & Fartash, K. (2012). Integrating human resource management with firm's strategy: A key concept to achieve firm's superior performance. *Journal of Economics and Management*, 1-20.
- Dawal, S. Z. M., & Taha, Z. (2006). The effect of job and environmental factors on job satisfaction in automotive industries. *International Journal of Occupational Safety and Ergonomics*, 267–280.
- Delaney, J. T., & Huselid, M. A. . (1996). The impact of human resource management practices on perceptions of organizational performance. *Academy of Management journal*, 949-969.
- Dessler, G. (2007). *Human resource management*. New Delhi: Prentice Hall of India Private Limited.
- Dessler, G. (2009). Human Resource Management (11 th ed.). Florida: Pearson.
- Dhanapal, S., Alwie, S. B. M., Subramaniam, T., & Vashu, D. (2013). Factors affecting job satisfaction among academicians: A comparative study between gender and generations. *International Journal of Management Exellence*, 128–139.
- Edgar, F., & Greare, A. (2005). HRM practice and employee attitudes: Different measures different results. *Personnel review*, 34 (5), 534-549.

- Elangovan, A., & Karakowsky, L. (1999). The role of trainee and environmental factors in transfer of training: An exploratory framework. *Leadership & Organization Development Journal*, 268-276.
- Ellickson, M. C., & Logsdon, K. (2002). Determinants of job satisfaction of municipal government employees. *Public Personnel Management*, 343-358.
- Elnaga, A., & Imran, A. (2013). The effect of training on employee performance. European Journal of Business and Management, 137-147.
- Farid, H. T., Yahin, H., & Nahin, H. (2014). HRM practice in commercial banks: A case study of Bangladesh. *IOSR Journal of Business and Management*, 16,(2) 29-3.
- Furnham, A., Petrides, K. ., Jackson, C. J., & Cotter, T. (2002). Do personality factors predict job satisfaction? . *Personality and individual differences*, 1325–1342.
- Gamage, P., & Imbulana, L. (2013). Training development and performance of employee: Evidence from Shrilanka telecom. *International Jour. of Marketing, Financial Services and Management Research*, 12-24.
- Garcia, M. (2005). Training and business performance: The Spanish case. *International Journal of Human Resource Management*, 1691-1710.
- Gazioglu, S. and A. Tansel . (2006). Job satisfaction in britain: Individual and job related factors. *Applied Economics*, 1163-1171.
- Gebremichael, H., & Rao Prasada, B.V. (2013). Job satisfaction and organizational commitment between staff and supporting staff (Wolaita Sodo University Ethiopia as a Case). Far East Journal of Psychology and Business, 11-32.
- Georgellis, Y., & Thomas W.K. L. (2007). "Participation in Continuous, On-the-Job Training and the Impact on Job Satisfaction: Longitudinal Evidence from the German Labour Market. *International Journal of Human Resource Management*, 969–985.
- Ghafoor, M. M. (2012). Role of demographic characteristics on job satisfaction. Far East Research Centre, 6(1), 30-45.
- Guest, D. (1997). Human resource management and performance: a review and research agenda. *International Journal of Human Resource Management*,, 263-276.
- Guest, D. E. (1987). Human resource management and industrial relations . *Journal of management Studies*, 503-521.

- Guest, D. E. (1997). Human resource management and performance: a review and research agenda. *International journal of human resource management*, 8(3), 263-276.
- Guest, D. E., & Conway, N. (2002). Communicating the psychological contract: an employer perspective. *Human resource management journal*, 22-38.
- Gupta, I. (2014). Impact of job satisfaction on employee performance . Scholarly research journal for interdisciplinary studies, 2307-2317.
- Hafeez, U., & Akbar, W. (2015). "Impact of Training on Employees Performance" (Evidence from Pharmaceutical Companies in Karachi, Pakistan)., 6(1), . http://www.dx.doi.org/10.5296/bms.v6i1.7804. Business Management and Strategy, 49-64.
- Hair, J. F., Babin, B., Money, A. H., & Samouel, P. (2003). Essentials of Business Research Method.: United States of America: John Wiley & Sons, Inc.
- Hair, J. F., Black, W. C., Babin, B. J., and Anderson, R. E. (2010). *Multivariate data analysis*. Pearson Prentice Hall.
- Hair, J. F., Moeny, A H., Samouel, P., and Page, M. (2007). Research methods for business. *Education+ Training*, 336-337.
- Hameed, A., & Waheed, A. (2011). Employee development and its affect on employee performance a conceptual framework. *International journal of business and social science*, 2(13), 224-22.
- Hanif M.F., & Kamal, Y. (2009.). Pay and Job Satisfaction: A Comparative Analysis of Different Pakistani Commercial Banks. *9th National Research Conference*. Islamabad, Munich Personal Repec Archive, Islamabad: SZABIST.
- Haque, M. M., & Taher, M. A. (2008). Job Characteristics model and job satisfaction: Age, gender and marital status effect. 7th International Conference on Ethics and Quality of Work-life for Sustainable Development, Bangkok, Thailand, 1-20.
- Herzberg, F. (1964). The motivation-hygiene concept and problems of manpower. *Personnel Administration*, 27, 3–7.
- Herzberg, F., Mausner, B., & Snyderman, B. B. (1959). *The motivation to work (2nd Ed.)*. New York: John Wiley.
- Hunter, J. E., & Hunter, R. F. (1984). Validity and utility of alternative predictors of job performance. *Psychological bulletin*, p. 72.

- Huselid, M. A. (1995). The impact of human resource management practices on turnover, productivity, and corporate financial performance. *Academy of management journal*, 635-672.
- Huselid, M.A., Jackson, S.E, & Schuller, R.S. (1997). Technical and strategic human resource management effectiveness as determinants of firm performance. *Academy of Management Journal*, 171–186.
- Ibrahim, R. Z. A., Ohtsuka, K., Dagang, M. M., & Bakar, A. A. (2014). Job satisfaction among Malaysian employees: An application of Spector's Job Satisfaction Survey in the South East Asian context. *Jurnal Pengurusan*, 69-79.
- Imran, M., & Tanveer, A. (2015). Impact Of Training & Development On Employees' performance In Banks Of Pakistan. . European Journal of Training and Development Studies, 3(1).
- Iyayi, S. A. (2007). Training and Development of Human Resources in Bello-Imam, Il Bet al (eds), Fundamentals of Human Resource Management in Nigeria. Ibadan: College Press and Publishers Ltd.
- Javaid, K., Ahmad, N., & Iqbal, N. (2014). Impact of Training on Employee Performance in the context of Telecommunication sector of DG Khan, (Pakistan. International Letters of Social and Humanistic Sciences, 60-73.
- Javed, M., Rafig, M., Ahmed, M., & Khan, M. (2012). Impact of HR Practices on Employee Job Satisfaction in Public Sector Organizations of Pakistan. Interdisciplinary Journal of Contemporary Research in Business, 348-363.
- Jehanzeb, K., & Bashir, N. A. . (2013). Training and development program and its benefits to employee and organization: A conceptual study. European Journal of Business and Management, 243-252.
- Job Street. (8 May, 2015). *More Malaysians Dissatisfied at Work*. Retrieved from jobstreet.com.my: http://www.jobstreet.com.my/career-resources/malaysians-dissatisfied-work/#.WDp-3eZ97ce
- Jones, M. K., Jones, R. J., Latreille, P. L., & Sloane, P. J. (2009). Training, job satisfaction, and workplace performance in Britain: Evidence from WERS 2004. Labour, 139-175.
- Kadiresan, V., Selamat, M. H., Selladurai, S., SPR, C. R., & Mohamed, R. K. M. H. (2015). Performance Appraisal and Training and Development of Human Resource Management Practices (HRM) on Organizational Commitment and Turnover Intention. Asian Social Science, 1-15.

- Kahya, E. (2009). The effects of job performance on effectiveness. *International Journal of Industrial Ergonomics*, 96-104.
- Katou, A. A., & Budhwar, P. S. (2007). The effect of human resource management policies on organizational performance in Greek manufacturing firms. *Thunderbird international business review*, 1-35.
- Katz, D. (1964). The motivational basis of organizational behavior. *Behavioral Sc*, 131-133. .
- Kellison, T. B., & James, J. D. (2011). Factors influencing job satisfaction of student employees of a recreational sports department at a large, Four-year public institution: A case study., 35, . *Journal of Recreational Sports*, 35–44.
- Khalifa, M. H. E., & Truong, Q. (2010). The relationship between employee perceptions of equity and job satisfaction in the Egyptian private universities. *Journal of Business and Economics*, 135–150.
- Khan, A. A., Abbasi, S. O. B. H., Waseem, R. M., Ayaz, M., & Ijaz, M. (2016). Impact of Training and Development of Employees on Employee Performance through Job Satisfaction: A Study of Telecom Sector of Pakistan. Business Management and Strategy, 7(1), .
- Khan, K., & Imtiaz, A. (nd). Occupational Stressors and Employee Performance in Service Sector of Lahore, Pakistan. *Journal of Research (Humanities)*.
- Krejcie, R. V, & Morgan, D. W. (1970). Determining sample size for research activites. *Journal of Educational and Psychological Measurement*, 607–610.
- Kulkarni, P. P. (2013). A Literature Review on Training & Development and Quality of Work Life. Researchers World, 136.
- Lamptey, R.B., Boateng, M.S., & Antwi, I.K. (2013). Motivation and performance of librarians in public universities in Ghana. *Library Philosophy and Practice E-Journal*, 2 (27), 1-26.
- Leedy, P. D., & Ormrod, J. E. (2005). *Practical research: Planning and design (8th Ed.)*. Upper Saddle River: Prentice Hall.
- Legge, K. (1995). *Human resource management: Rhetorics and realities*. London: Macmillan Business.
- Liao, C. W., Lu, C. Y., Huang, C. K., & Chiang, T. L. (2012). Work values, work attitude and job performance of green energy industry employees in Taiwan. *African Journal of Business Management*, 5299-5318.

- Lim, S. (2008). Job Satisfaction of Information Technology Workers in Academic Libraries. *Library and Information Science Research*, 115-121.
- Locke, E. A. (1976). The Nature and Causes of Job Satisfaction. In M. D. in Dunnette. Chicago, IL: Rand McNally.
- Mahmood, M. H. (2004). The institutional context of human resource management: Case studies of multinational subsidiaries in Bangladesh. University of Manchester.: UK:.
- Malhotra, N. K. (1999). *Marketing research: An applied orientation. 3rd ed.* New Jersey: Prentic Hall.
- Mansour, M. (2013). Evaluation of Training in Organizations: An Empirical Investigation from a Developing Country. *International journal of education and research*, 1-12.
- Maslow, A. H. (1943). A theory of human motivation. *Psychological Review*, 50(4), 370-96.
- Masood, T. (2010). Impact of Human Resource Management (HRM) Practices on Organizational Performance: A Mediating Role of Employee Performance.

 Jinnah University, Karachi: Doctoral dissertation Mohammad Ali.
- Mau, W., and Kopischke, A. (2001). Job search methods, job search outcomes, and job satisfaction of college graduates: A comparison of race and sex. *Journal of Employment Counseling*, 141-149.
- McConnell, C. R. (2004). Managing employee performance. *The health care manager*, 273-283.
- Md. Tofael. H. M. . (2012). Human Resource Management Practices and Employees' Satisfaction towards Private Banking Sector in Bangladesh. *International review of management and marketing*, 52-58.
- Mehrad, A., Redzuan, H. H. M. R. B., & Abdullah, H. (2015). The Role of Personality Factors on Job Satisfaction among Academic Staff at Public Research University. *Journal of Educational, Health and Community Psychology*, 20-28.
- Meyer, J. P. & Allen, N. J. (1997). Commitment in the workplace: Theory, research, and application. Thousand Oaks C.A: Sage Publications.
- Mohammad, J., Quoquab Habib, F., & Alias, M. A. (2011). Job satisfaction and organizational citizenship behaviour: An emprical study at higher learning institution. *Journal of Asian Academy of Management*, 149–165.

- Mohammed N. A., Mohammad T. A., Nimalathasan B., & Sadia A. (2010). Impact of Human Resources Practices on Job Satisfaction: Evidence from Manufacturing Firms in Bangladesh. *Economic Sciences Series*, pp. 31-42.
- Moorhead, G., & Griffin, R. W. (1999). Organizational behavior Managing people and organizations. Delhi: AITBS Publishers & Distributors.
- Mottaz, C. J. (1985). The Relative Importance of Intrinsic and Extrinsic Rewards as Determinants of Work Satisfaction. *The Sociological Quarterly*, pp. 365-385.
- Mottaz, C. J. (1986). An analysis of the relationship between education and organizational commitment in a variety of occupational groups., 28, . *Journal of vocational behaviour*, 214-228.
- Mullins, L. J. (1993). Management and organizational behavior. London: Pitman Publishing.
- Musa, R., Nik Mat, N. K., Li, C. P., & Md. Isa Yusuff, Y. (2012). Influence Factors on Job Satisfaction among Malaysia Educator: A Study of UUM Academic Staffs. *American Journal of Economics*, 82-86.
- Naris, N. S., & Ukpere, I. W. (2009). The effectiveness of an HR code: Staff development and training at the Polytechnic of Namibia. *Afr. J. Bus. Manage*, 879-889.
- Neuman, W. (2006). Social research methos qualitative and quantitative approaches.: Boston: Allyn and Bacon.
- Niazi, B. R. (2011). Training and development strategy and its role in organizational performance. *Journal of public Administration and Governance*, 42-57.
- Noe, R. A., Hollen beck, J. R., Gerhart, B., Wright, P. M. (2007). *Human resource management: Gaining a competitive advantage*. USA: McGraw-Hill.
- Noordin, F., & Jusoff, K. (2009). Levels of job satisfaction amongst Malaysian academic staff. *Asian Social Science*, 122.
- Nwokoye, N.G. & Ahiauzu, A.I. (1984). *Introduction to Business Management*. London: Macmillan Publication.
- Oke, L. (2016). Human Resources Management. *International Journal of Humanities* and Cultural Studies (IJHCS), 376-387.
- Olorunsola, E. O. (2012). Job satisfaction and personal caracteristics of administrative staff in South West Nigeria universities., 3(1), . *Journal of Emerging Trends in Educational Research and Policy Studies*, 46-50.

- Orute, R. O., Mutua, S. M., Musiega, D., & Masinde, S. W. (2012). Leadership Style And Employee Job Satisfaction In Kakamega County, Kenya. *International Journal of Management Research & Review*, 5(10) 876-895.
- Ostroff, C. (1992). The relationship between satisfaction, attitudes, and performance: An organizational level employees. *Journal of Applied Psychology*, 963-967.
- Parahoo, A., (1997). Nursing Research, Principles, Process, and Issues. London: MacMillan.
- Petrescu, A. I., & Simmons, R. (2008). Human resource management practices and workersjob satisfaction. *International Journal of Manpower*, 651-667.
- Polit, D. F., Beck, C. T., & Hungler, B. P. (2001). Essentials of Nursing Research: Methods, Appraisal and Utilisation. Philadephia: Lippincott.
- Porter, L. & Lawler, E.E. III. (1968). *Managerial attitudes and performance*. Homewood, IL: Richard D. Irwin.
- Qureshi M.T., Mohammad, R.I., & Syed H.T. . (2007). Impact of human resource management practices on organizational performance in Pakistan. *Journal of Business & Policy Research*, 3(2), 128-138.
- Raymond, M. K., Bawa, A. B., & Dabari, I. J. (2016). Utilization Of Training Fund For Staff Development In Adamawa State Local Government Service Commission. European Journal of Training and Development Studies, 3(4), 1-16.
- Robbins, S. P. (1999). Organizational behaviour Concepts, controversies, applications. New Delhi: Prentice Hall of India Private Limited.
- Rothbard, N. P., Phillips, K. W., & Dumas, T. L. (2005). Managing multiple roles: Work-family policies and individuals' desires for segmentation. *Organization Science*, 243-258.
- Saner, T., & Eyüpoğlu, Ş. Z. (2013). The gender-marital status job satisfaction relationship of academics. *Procedia-Social and Behavioral Sciences* (pp. 106, 2817-2821). TASET, Sakarya Universitesi, Turkey: Elsevier Ltd.
- Santhapparaj, A. S., & Alam, S. S. (2005). Job satisfaction among academic staff in private universities in Malaysia. . *Journal of Social Science*, 72–76.
- Schmidt, S. W. (2007). The relationship between satisfaction with workplace training and overall job satisfaction. *Human Resource Development Quarterly*, pp. 481-498.

- Schmidt, S. W. (2012). The relationship between job training and job satisfaction: A review of literature. *Vocational Education Technologies and Advances in Adult Learning*, 197.
- School of Technology Management and Logistics. (29 November, 2016). *List of Staff*. Retrieved from stmlportal.net: http://stmlportal.net/index.php/resource-at-stml/list-of-staff
- Schouteten, R., & Van Der Vleuten, T. (2013). Organizational change and job satisfaction among voluntary and paid workers in a Dutch voluntary organization. The Netherlands: Radboud University.
- Sekaran, U. & Bougie, R. (2010). Research methods for business. A sill building approach. UK: John Willey.
- Sekaran, U. (2003). Research methods for business: A skill building approach. India: John Willey & Sons Inc.
- Sesanga, K., & Garrett, R. M. (2005). Job Satisfaction of University Academics: Perspectives from Uganda. Uganda: Higher Education.
- Shanawany, S. (2001). Personnel management and human relations. ARE.
- Simatwa, E.M. W. (2011). Job Satisfaction and Dissatisfaction among Teachers in Kenya. *Kenya Journal of Education Planning Economics and Management*, 3(3) 114-123.
- Singh, K. (2004). Impact of HR practices on perceived firm performance in India. A sia Pacific Journal of Human Resources, 301-317.
- Smith P, Kendall L, & Hulin C. (1969). The Measurement of Satisfaction in Work and Retirement. Chicago: Rand McNally.
- Snell, S. A., & Dean Jr., J. W. (1992). Integrated manufacturing and human resource management: A human capital perspective. l, 35(3), . The Academy of Management Journa, 467-504.
- Spector, P. E. (1994). *Job satisfaction survey*. Tampa, Florida: University of South Florida.
- Spector, P. E. (1997). Job satisfaction: Application, assessment, causes, and consequences. Sage.
- Stavrou, E., Brewster, C., & Charalambous, C. (2004). *Human resource management as a competitive tool in Europe*. 75 Kallipoleos Avenue, Nicosia,: University of Cyprus, Department of Public and Business Administration.

- Story, J. (Ed.). (2004). *Human Resource Management: A critical text.* eLondon.: Routledg.
- Strydom, S.C. & Meyer, J.C. (2002). An investigation of the sources of job satisfaction and work stress among middle-level managers in the Western Cape). South African Journal of Industrial Psychology, 15–22.
- Sultana, A., Irum, S., Ahmed, K., & Mehmood, N. (2012). Impact Of Training On Employee Performance: A Study Of Telecommunication Sector In Pakistan. *Interdisciplinary Journal Of Contemporary Research In Business*, 4(6).
- Tan, T. H., & Waheed, A. (2011). Herzberg's motivation-hygien theory and job satisfaction in the Malaysian retail sector: The mediating eEffect of love of money. *Journal of Asian Academic of Management*, 73–94.
- Taormina, R. J. (1999). Predicting employee commitment and satisfaction: The relative effects of socialization and demographics. *International Journal of Human Resource Management*, 1060–1076.
- Tessema, M. T., & Soeters, J. L. (2006). Challenges and prospects of HRM in developing countries: testing the HRM-performance link in Eritrean civil service. *International journal of human resources management*, 86-105.
- Testa, M. R. (1999). Satisfaction with organizational vision, job satisfaction and service efforts: an empirical investigation. *Leadership & Organization Development Journal*, 154-161.
- Theriou, G. N, & Chatzoglou, P. (2013). The impact of best HRM practices on performance identifying enabling factors. *Employee Relations*, 36(5), 535 561.
- Ting, Y. . (1997). Determinants of job satisfaction of federal government employees. *Public personnel management*, 313-334.
- Tsui, A. S., Pearce, J. L., Porter, L. W., & Tripoli, A. M. (1997). Alternative approaches to the employee-organization relationship: does investment in employees pay off? *Academy of Management journal*, 1089-1121.
- ul Islam, Z., Bangish, S. B., Muhammad, H., Jehan, A. S., Sung, H. Y., Kim, J. J., & Youn, M. K. (2016). The Impact of HR Practices on Job satisfaction: A Case Study of Hotel Industry in Pakistan. *The Journal of Asian Finance, Economics and Business*, 3(1).
- Ulrich, D. (1997). Measuring human resources: An overview of practice and a prescription for results. *Human Resource Management*, 303-320.

- Universiti Utara Malaysia. (27 November, 2016). *About UUM*. Retrieved from uum.edu.my: http://www.uum.edu.my/index.php/aboutuum
- Victoria University of Wellington Human Resources Policy. (15 October, 2006).

 *Position Management & Position Classification Guidelines. Retrieved from www.victoria.ac.nz/: http://www.victoria.ac.nz/documents/policy/staff-policy/position-management-and-position-classification-guidelines.pdf
- Vroom, V.H. . (1964). Work and Motivation. New York: Wiley.
- Wadhwa, D. S., Verghese, M., & Wadhwa, D. S. (2011). A study on factors influencing employee job satisfaction: A study in cement industry of chhattisgarh. *Journal of Management and Business Studies*, 109–111.
- Yahaya, A. (1990). Current Developments in Personnel Management in the Nigerian Civil Service. *Journal of Personnel*, vol. 4 No. 1.
- Yapa, P. M. S. P., Rathnayake, R. M., Senanayake, G., Premakumara, P., & Yapaa, P.
 M. S. P. (2014). Effect of demographic factors on job satisfaction of non-academic staff in universities. *In Proceedings of the 3rd International Conference on Management and Economics*, (p. p. 27).
- Yeganeh, H., & Su, Z. (2008). An Examination of human resource management practices in Iranian public sector. *Personnel Review*, 203-221.
- Zikmund, W. G. (2000). Business Research Methods (6th edition). New Jersey: John Wiley and Sons.

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