An Empirical Study of Autonomous Medical Institution to Identify the Role of Human Resources Practices on Perceived Employees Performance in Punjab, Pakistan

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ABSTRACT

This study gauges the associations between Human Resource (HR) practices and the perceived performance of employees at Autonomous medical institutions (AMI), Punjab (Pakistan). The HR practices thrashed out in this study are Recruitment & Selection, Training & Development, Compensation, complaint resolutions procedure, and Job clarity. 220 respondents were selected randomly from the 13 AMI’s of Punjab. The data was collected through a personally administered questionnaire. A personally administered questionnaire was used to obtain the data. The study's findings demonstrate that in the health sector, recruitment and selection, training and development, salary, and job clarity all have a substantial association with employee performance, but the complaint resolution method has no such relationship. The study provided a strategic tool for the improvement of employee performance by using these practices.

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1. Introduction

Human Resource is the most crucial part in any organization. Although an organization has strong economic and scientific resources, yet it can’t endure without efficient HR. The organization can accomplish its goal by growing the productivity and performance of the staff by using HR practices. Therefore, modern organizations in the current era invest more in HR to get better consequences. The performance of Government sector is explicitly adjudged on the basis of their staff. The public sector activities are more personnel strenuous and thus we should concentrate on HR practices to improve employee and organizational performance (Ingraham and Kneedler, 2000).

Human capital is the most vigorous organizational resource, consisting of talented and cerebral staff that contributes to the organization’s longevity, survival, growth and productivity (Philip & Ikechukwu, 2018). The achievement of an organization is generally influenced by its human capital, which includes staff education, motivation, job experience, expertise, skills and knowledge (Sumual et al, 2017), all of which influence employee and organizational performance. When human capital is reinforced by organizational capital, employees' productivity tends to rise and become greater, as organizational support is a very crucial for staff to be more productive (Nezaz et al, 2013).

In the current era employee performance is one of the major factors in gaining competitive advantage (Sutduean & Jermsittiparsert, 2019; H. Khan & Wisner, 2019). HR is the main pillar in the organization to increase the performance of the employees, and it can be increased with the help of HRM (Kerdpitak & Jermsittiparsert, 2020). Formerly, the
organizations were not focusing on HR practices but now, due to globalization, it is mandatory for the organization to implement proper HR practices to increase staff performance (Chumpon Rodjam et al 2020).

The Performance is a diverse and multifaceted issue, thus to determine, how much HR practices effect on staff performance is very difficult (Paauwe, 1998). It's becoming more difficult to gauge the influence of HR practices on staff performance in the public sector (Hays & Reeves, 1984; Guest, 2001). It is necessary to monitor and scale the performance of employees in order to achieve goals and boost the efficiency and effectiveness of any industry. The success of any organization is based on the competency and performance of the staff. HRM has no direct impact on performance but it is the most important factor in determining performance (Tessema and Soeters, 2006).

The Health sector try their level to ensure that patients receive high-quality care but only a well-developed and competitive force can assure that these efforts are worthwhile. The employees represent the face of this system and with the availability of trained health personnel we will be able to battle diseases, implement new tactics, and promote the health facility in this region. The hospital staff considered that their demands will be met only by going on strike because there is a weak HR system that is why mostly the staff is on strike, which will continue until their demands are met by the Government. Employees are the most energetic, one-of-a-kind, and highly valued organizational resources that competitors cannot mimic. They should be properly managed and handled to increase organization and individual performance. The department can achieve this objective by introducing and implementing the best HR practices to enhance their performance to satisfy the patient care. The outcomes of the study may aid policymakers in prioritizing areas of immediate concern and allocating public resources in accordance with employees' local requirements. Thus there is dire need to identify the role of different HR practices on employee performance to provide quality health services to the ailing humanity.

The majority of HR research was piloted in developed countries and emerging countries were unheeded to explore the relationship between HR practices and performance of staff. In Pakistan, for example, virtually little HR research was conducted, particularly in the government sector. Legge (1998) contended that the public sector was overlooked due to HR practices (Legge, 1998). In the realm of HR practices, Aycan et al. (2000) claim that Pakistan is an "under-researched" country. The Health Sector in Punjab is underutilized and uncompetitive in the world market due to non-awareness and less focus on HR practices (Aleem et al., 2012). This research will be helpful to answer these questions and also help increase the performance of the staff to provide quality health services to the patients. Consequently, the existing study investigates the link between selected HR practices and perceived employee performance (PEP) in Health sector.

2. Literature Review

2.1 Human Resource Practices

Many studies have found that HR practices improve both employee and organizational performance (Wright et al., 2003; Park et al., 2003; Tessema & Soeters, 2006). Macduffie (1995) conducted a study on auto assembly plants and found that many HR practices are available which enhance the quality and output of the staff. Delery and Doty (1996) argued that HR practices also increased financial performance. In the manufacturing industry, there are different permutations of HR practices that can upsurge the operating performance of organizations (Youndt et al., 1996).

Prefer (1994) considered sixteen HR practices which can increase the EP which includes promotion, training, high wages, job design, employee ownership, recruitment, Pay, promotion, pay, training and employment security etc. Ichniowski et al., (1995) found that the performance of the staff is improved if there is flexible job design, communication, training, job security, higher compensation and extensive screening.

Huselid (1995) studied the eleven HRM practices which include promotion, recruitment, labour management participation, attitude assessment, training, appraisal system, pay, pension and grievance procedures etc. Teseemna and Soeters (2006) focus on eight HR practices to catch out affiliation with staff performance. These practices include R&S, pay,
pension, grievances handling, promotion, staff appraisal, placement and training. The majority of former research confirms that there is a significant connection between HR practises and employee perceived performance (Tabiu & Nura, 2013; Shahzad et al., 2008; Bashir & Khattak, 2008; Jan et al., 2009; Sels, 2006; Shakeel & Lodhi, 2015).

To create a successful and competitive environment, HR management practices are helpful in selecting the right person for the right job to enhance their performance (Cania, 2014). Employee performance is reliant on many HR practices but all of these practices cannot be investigated at once. The major objective of this study is to catch out the association between EP and selected HR practices in the health sector and to sustenance the higher authorities of Health Sector to follow those HR practices which can mend the enactment of employees and obviously, the health department.

2.2 Recruitment & Selection system:
Bakalo, A (2022) stated that the organization should provide equal selection opportunities to all the candidates on the basis of their qualification and experience and should avoid the selection process based on friendship, blood relations, favoritism and giving preference to female applicants, because employees hired through such unfair methods can provide no value to the organization and their performance is also low. According to Holzer (1987), the robust and accurate selection system is helpful to recruit the best candidate which have the capacity to perform well for the organization. R&S procedures are one of the primary facets that determine whether an organization's outcomes are successful or not (Sinha & Thaly 2013). Furthermore, the success of the organization's selection system might have an impact on the bottom line business productivity, such as financial performance or staff performance in main stream departments. With the help of suitable selection system the employees are not only satisfied but also motivated (Caliskan, 2010). Jan et al., (2009) and Teseema & Soeters (2006) found that there is an affirmative association between R&S and employee performance.

In light of the above-mentioned literature and viewpoints, it is presumed that recruitment and selection are favorably connected with employee perceptions of performance. This association, however, has to be tested in Pakistan's health sector. As a result, the following hypothesis is developed:

H1: Recruitment & Selection are positively associated with perceived employee performance.

2.3 Training & Development
Training and development is one of the major critical factor to improve organizational efficiency and enriching individual work experiences (Bhatt, D; 2022). If a company wants to improve its productivity, it must acquire competent and experienced people, and if the organization desired to increase its productivity continuously and individuals should increase their knowledge and abilities acquired with the help of training & development. According to extensive research, training has a momentous impact on employee performance. Training is an important component of employee performance in addition to competitiveness, productivity, efficiency, and effectiveness (Cooke, 2000). Many studies have found that training & Development has a favorable impact on employee attitudes and performance (Shields & Price, 2002; Schmidt, 2007). Teseema and Soeters (2006), indicated that there is a link between training and PEP. Staff training sessions are beneficial in satisfying and improving their performance. (Hanaysha & Tahir, 2016). Halepota & Irani (2010) found that in the existing global economy, employees are more concerned with learning to improve their career. The performance of the staff can be enhanced by upgrading and expanding the contents, duration and assessment of training needs (Kuruppu, C.L., et al., 2021).

In light of the above-mentioned literature and viewpoints, it is presumed that Training & Development are favorably connected with employee perceptions of performance. This association, however, has to be tested in Pakistan's health sector. As a result, the following hypothesis is developed:

H2: Training & Development are positively associated with perceived employee performance.
2.4 Compensation

Compensation management is very crucial in current era because the staff can be motivated, attracted and retained in the organization with the help of this practice. Many researchers contend that inducement based compensation has a positive influence on the performance of firms, e.g. (Milkovich and Boudreau 1998; Gomez-Mejia et al., 1995). Compensation is an imperatitive facet of human resource management since it aids in employee motivation and organizational effectiveness. Compensation and benefits have varying effects on EP and organizational success, depending on the company's existing salary and performance management processes (Reddy, 2020). In their study, Harrison and Liska (2008) argue that compensation is the supremefacet of the service contract because it is the primary inspiration for people to work. Many studies have established a link between pay and performance (Jan et al., 2009; Teseema & Soeters, 2006; Baloch et al., 2010, Aleem et al., 2012; Bashir & Khattak, 2008). There is positive association between the employee performance and compensation as per study conducted in the public sector of Iraq (Muhammad IA et al., 2022). Adnan & zaffar (2021) concluded in their study that compensation had a favorable and considerable impact on employee performance because regression coefficient (0.056) was positive. The authors also stated that higher is the compensation higher is the staff performance.

In light of the above-mentioned literature and viewpoints, it is presumed that compensation is favorably connected with employee perceptions of performance. This association, however, has to be tested in Pakistan's health sector. As a result, the following hypothesis is developed:

H3: Compensation is positively associated with perceived employee performance.

2.5 Job Clarity

According to Kim (2009), job clarity refers to employees' understanding of their job's obligations and expectations. The term "job clarity" refers to a combination of work specifications and job descriptions. It is linked to the organizational structure, in which employees are clear about their role in the firm (Zeffane and Al Zarooni, 2008). Job description, placement, and role clarity all have a control on HRM outcomes (Becker & Gerhart, 1996; Fey et al., 2000). According to Ting (1997), work clarity is vital for employees to acclimatize to their employment and eliminate ambiguity.

Employees who are clear about their obligations and tasks, according to Teseema and Soeters (2006), are more productive than those who are unclear about their duties and responsibilities and have confusion and ambiguity about their work. According to Qureshi M Tahir (2006), if roles are defined clearly, individual performance will become more accountable. There is strong association between job clarity and employee performance (Jan et al., 2009).

In light of the above-mentioned literature and viewpoints, it is presumed that job clarity is favorably connected with employee perceptions of performance. This association, however, has to be tested in Pakistan's health sector. As a result, the following hypothesis is developed:

H4: Job clarity is positively associated with perceived employee performance.

2.6 Grievance procedure/Complaint resolution Systems

A grievance is any unhappiness or sense of injustice related to one's employment condition that is brought to the attention of the organization's management. If issues are addressed and resolved as soon as possible, they can serve as a powerful motivator. In current era when mental work is expanding and physical work is decreasing, grievance management can be a wonderful incentive tool for all firms to boost employee morale and performance (Monish P. and Dhanabhakyam M. 2022).

The process in which employee complaints are handled influences the perception of the organization by the employees (Morrison &Robinson 1997).In any organization, a well-functioning, compliant redressed procedure will eradicate perceived injustice or clashes. According to Fey et al., (2000), if employee concerns are addressed well, employees are more committed to the firm. When an employee is dedicated, his or her performance improves. Fey
et al., (2000) identified that if the complaints of the staff are handled well, then there is a higher assertion toward the organization. When a worker is devoted, his performance will also upsurge. Roberts (1997) contended that if the workforce notice that another organization is remunerating extra to the staff as compared to this organization, despite having identical qualifications and expertise, and if their complaint is not remedied, then employee will sabbatical the organization. Teseema & Soeters (2006) in his study contend that there is an affirmative connection between complaint procedure and EP.

In light of the above-mentioned literature and viewpoints, it is presumed that Training & Development are favorably connected with employee perceptions of performance. This association, however, has to be tested in Pakistan’s health sector. As a result, the following hypothesis is developed:

H5: Grievances procedures are positively associated with perceived employee performance.

2.7 Research Question
Are HR practices affecting the PEP in the public health sector of Punjab, Pakistan?

Figure 1

3. Methodology
For data collection purposes, the questionnaires of Tessema & Soeters (2006) and Singh (2004) are used. The questionnaire was written entirely in English because our respondents are well educated and can easily understand the questionnaire. There are 13 autonomous medical institutions in Punjab, where the survey was conducted. Simple random sampling was used for the data collection from the 275 employees of the health sector. There is no issue with the validity and reliability of the questionnaire because it is already used by the researchers. The questionnaire has a reliability of 0.82, which is quite good. The data was collected using five-point Likert scales. The data was gathered from the Autonomous Medical Institutions (AMI)s health department and these questionnaires were filled out randomly by the Top, Middle and lower level staff. A personally administered questionnaire was used to obtain the information.

3.1 Participants
The top level (BS-19 or higher), intermediate level (BS-17&18), and low level personnel are all included in this study (Less than BS-17). There are administrators, teaching staff, medical officers, pharmacists, and accounting personnel’s. The respondents are chosen at random to fill out the questionnaire. A total of 275 questionnaires were distributed, however only 220 were returned, resulting in an 80 percent response rate.

3.2 Statistical technique
For the analysis, the descriptive statistics, regression and correlation matrix was used.

3.3 Descriptive Statistics
The accompanying table 1 shows the SD and mean score. The mean scores for R& T&D, training, and job clarity is individually 3.73, 3.63, and 3.68. It indicates that respondents are near to agreed point on the Likert scales which clearly indicate that the staff are satisfied with these practices. The compensation’s average score is 3.3218, which is close to neutral. The average score for the compliant redressed procedure is close to the disagree stage, indicating that people are dissatisfied on this factor because it is ignored in AMI’s.
Table 1: Descriptive statistics

| Variable                  | N   | Mean  | Std. Deviation |
|---------------------------|-----|-------|---------------|
| Recruitment               | 220 | 3.727 | .76843        |
| Training                  | 220 | 3.630 | .56213        |
| Compensation              | 220 | 3.322 | .62467        |
| Clarity                   | 220 | 3.684 | .51538        |
| Compliant Resolution      | 220 | 2.102 | .61628        |
| Employee Performance      | 220 | 3.823 | .70900        |

Valid N (listwise) = 220

3.4 Correlation Analysis

Table 2 reveals that R&S have a substantial relationship with perceived employee performance. The correlation coefficient is (0.50(**), .p.01, and this finding is braced by Teseema & Soeters (2006), whose beta coefficient is (0.38**, .p.01). The value of r is (0.43**, .p.01), and training & Development has a substantial relationship with EP. These findings are also harmonized with those of Teseema & Soeters (2006). The findings of R&S and T&D are also consistent with the findings of Singh (2004) and Jan et al. (2009), who find values of r (0.33), (.38), and (62) (66), respectively has a positive relationship with compensation practices. The r value is 0.44(**), while the p value is 0.01. The findings of Shahzad et al. (2008) and Teseema & Soeters (2006), whose r values are (0.38(**), .p.01) and (r=0.44, p.01), correspondingly, back up these findings. As can be seen from the correlation matrix, the variable "job clarity" has a strong link with employee performance, with a value of r of 0.43 (**), .p.01. Employee performance has no significant link with the resolution of complaints; the r value is 0.12, and these findings contradict those of others (Tesseema & Soeters, 2006).

Table 2: Correlation Analysis

|       | PEP | R   | T   | Com | Cla | CR  |
|-------|-----|-----|-----|-----|-----|-----|
| PEP   | 1   |     |     |     |     |     |
| R&S   | 0.50** | 1.00 |     |     |     |     |
| T&D   | 0.43** | 0.34** | 1.00 |     |     |     |
| Com   | 0.44** | 0.48** | 0.46** | 1.00 |     |     |
| Cla   | 0.37** | 0.26** | 0.37** | 0.34** | 1.00 |     |
| CR    | 0.02 | 0.12 | -0.02 | 0.13 | 0.01 | 1.00 |

**. Correlation is significant at the 0.01 level (2-tailed). PEP= Perceived employee performance, R&S= Recruitment & Selection, T=Training, com=compensation, Cla=Clarity, CR= Compliant Resolution

3.5 Regression analysis

The impact of HR practices on the AMI’s employee performance is deliberate using regression analysis, which supports the findings obtained in the correlation matrix. According to the regression study in table 3, HR practices account for 37% of the variance in employee performance. Our model’s F value is 18.659, which is likewise substantial at.000, indicating that it is also an excellent fit. Recruitment, training, salary, and job clarity all have a major impact on EP, but the complaints resolution method has no momentous influence on employee performance which indicate that the grievance system in the autonomous medical institution is ineffective.

Table 3: Regression analysis

| Independent Variable | Beta | t-value | Sig. |
|----------------------|------|---------|------|
| (Constant)           |      |         |      |
| Recruitment          | .328 | 1.521   | .130 |
| Training & Development | .187 | 5.187   | .000 |
| Compensation         | .141 | 2.909   | .004 |
| Clarity              | .170 | 2.079   | .039 |
| Compliant Resolution | -.037| -.677   | .499 |
4. Discussion

There is less literature available in Pakistan's public sector about the relationship between HR practices and employee performance. As a result, the current research looks into the link between these in the public sector. Pakistan's government spends a lot of money on health care. Only the health facility's performance may be effective if the health sector's staff performance is well. In the public sector, most decisions are made on the basis of earlier experience or to implement those decisions/practices which are only practicable for developed nations due to cultural differences. These are both wrong practices (Soni, 2004)

Recruitment & Selection, T&D, compensation, and job clarity have an affirmative effect on employees, as prophesied in the hypothesis. The majority of respondents in the health sector are MBBS (doctors), so they deliberated R&S an important factor. The AMI's are also focusing on training facilities for the staff. The training sessions are constantly carried out for the improvement of health facilities because their skills and abilities improve and they are in a position to provide improved services. The participants of the study are more concerned with their compensation. Employee pay in developed countries is higher than in developing countries, so employees in developed countries emphasis on those HR practices that upsurge their earnings, regardless of other HR practices (Bashir & Khattak, 2008).The performance of the employee can also be increased if the employee is clear about their roles, duties, and responsibilities. If there is any confusion about the job clarity, it will affect the employee's performance.

The perceived employee performance and the compliant resolution method have a shaky link. Employees in Punjab's health sector have expressed dissatisfaction with the complaint resolution method. The current research is very critical for Punjab's AMI and public health sector to improve its performance. The organization's most significant and central responsibility is to manage its human resources, because the organization's performance is dependent on how well it is managed. Proper implementation of HR practices should be made to enhance staff performance. The review and analysis of performance should also be made after implementation of these practices to observe its impact. There is dire need of training need assessment before starting the training and only those employees should be trained who are interested. It is necessary to monitor the pay system on a continuous basis in order to prevent future strikes. The pay structure should be comparable to the market and as per need of the employees. The performance and motivation of the staff can be increased if performance has strong link with their remuneration and advancement. The fair recruitment and job clarify should also be focus to enhance staff performance. To address the discrimination, higher authorities should establish a policy that ensures that every employee receives an equal type of benefits and fairness, thereby improving their performance and organizational dedication.

5. Conclusion

Due to a deficiency of research in the public sector, decisions are made on a hit-or-trial basis or using a previous strategies. Thus, this study is critical for health-care decision-making because the Pakistani government only focuses on compensation practices to improve employee performance and ignores other important factors that are highlighted in this study and can improve employee efficiency and effectiveness for the benefit of patients. May strikes have been faced by the health sector and these strikes can be abridged by nourishing the employees by the providing and execution of the best HR practices to increase their performance to provide best services to the public.

Reference
Adamu. NM, et al., (2022) The Impact of Training and Development on Employee Productivity in the 21st Century: March 2022, Vol. 3, No. 5African Journal of Management and Business Research ISSN: 2780-5981Xwww.afropolitanjournals.com
Adnan, M., Zarrar, S., & Zaffar, K. (2021). Employee Empowerment and Compensation as A Consequence on Employee Job Performance with the Moderating Role of Employee Accountability. IRASD Journal of Management, 3(3), 218–232. https://doi.org/10.52131/jom.2021.0303.0040
Aleem et al; (2012) An empirical investigation of human resource practices: A study of Autonomous Medical Institutions Employees Punjab, Pakistan. African Journal of Business Management Vol. 6(21), pp 6390-6400, 30 May, 2012

Aleem, M., Bowra, Z. A., Hamed, W., & Khan, A. H. (2012). An empirical investigation of human resource practices: A study of autonomous medical institution employees in Punjab, Pakistan. African Journal of Business Management, 6(21), 6390

Aycan, Z., Kanungo, R. N., Mendonca, M., Yu, K., Deller, J., Stahl, G., & Kurshid, A. (2000). Impact of culture on human resource management practices: A 10-country comparison. Applied Psychology: An International Review, 49(1), 192-221.

Bakalo, A. (2022). The role of employee recruitment and selection on the organizational performance (case mizan aman town). Academy of Marketing Studies Journal, 26(S1), 1-7.

Baloch, Q. B., Ali, N., Kiani, T. S., Ahsan, A., & Mufty, A. (2010). Relationship between HR Practices and Perceived Employees’ Performance of Bankers in NWFP, Pakistan. European Journal of Social Sciences, 18(2)

Bashir, S., & Khattak, H. R. (2008). Impact of selected HR practices on perceived employee performance, a study of Public Sector Employees in Pakistan. Editor-In-Chief, 5(4), 243.

Becker, B. & B. Gerhart. (1996). The impact of human resources management on organizational performance: Progress and prospects. Academy of Management Journal 39:779–801.

Caliskan, N. E. (2010). The impact of strategic human resource management on organizational performance. Journal Naval Science Engineering, 6(2): 100-116.

Cania, L. (2014). The impact of strategic human resource management on organizational performance. Economia. Seria Management, 17(2), 373-383.

ChumponRodjam et al (2020). Effect of Human Resource Management Practices on Employee Performance Mediating by Employee Job Satisfaction. Sys Rev Pharm 2020; 11(3): 37 47 ; E-ISSN 0976-2779 P-ISSN 0975-8453.

Cooke F L (2000). ‘Human Resource Strategy to improve Organizational Performance: A reoute for british firms’. Working Paper No 9 EWERC, Manchester School of Management.

Delery, J. E., & Doty, D. H. (1996). Modes of theorizing in strategic human resource management: Tests of universalistic, contingency, and configurational performance predictions. The academy of management journal, 39(4), 802-835.

Dhruuti Bhatt, Dhwani Patel, Dr. Bijal Shah (2022). Impact of training and development on employee’s performance. International Journal of Advance Research, Ideas and Innovations in Technology, 8(1) www.IJARIIT.com.

Fernandez, C.J. 1992. Soldier quality and job performance in team tasks. Social Science Quarterly 73: 253–65.

Fey, C. F., Björkman, I., & Pavlovskaya, A. (1999). The effect of human resource management practices on firm performance in Russia. Stockholm school of economies in st. Petersburg working paper.

Frye, M. B. (2004). Equity Based Compensation for Employees: Firm Performance and Determinants. Journal of Financial Research, 27(1), 31-54.

Gardner, D. G., Dyne, L., & Pierce, J. L. (2004). The effects of pay level on organization based self esteem and performance: A field study. Journal of Occupational and Organizational Psychology, 77(3), 307-322.

Gneezy, U., & Rustichini, A. (2000). Pay Enough or Don’t Pay at All. Quarterly Journal of Economics, 115(3), 791-810.

Guest, D. (2002). Human resource management, corporate performance and employee wellbeing: building the worker into HRM. Journal of Industrial Relations, 44(3), 335.

Guest, D. E. (2001) ‘Human Resource Management: When Research Confronts Theory’, International Journal of Human Resource Management, 12(7): 1092–106.

Halepota, J. A., & Irani, Z. (2010) The Impact of Organisational Antecedents on Employee Job Satisfaction. An empirical Evaluation of Public Sector Employees in Pakistan. European, Mediterranean & Middle Eastern Conference on Information Systems.

Hanaysha, J., & Tahir, P. R. (2016). Examining the effects of employee empowerment, teamwork, and employee training on job satisfaction. Procedia-Social and Behavioral Sciences, 219, 272-282.

Harrison, D.A and Liska, Z. (2008), Promoting Regular Exercise in Occupational Fitness Programme, Journal of Personal Psychology, 5(5); 27-45
Hays, S. and Reeves, T. (1984) Personnel Management in the Public Sector. Massachusetts: Allyn and Bacon Inc.

Holzer, H. J. (1987). Hiring procedures in the firm: Their economic determinants and outcomes. In Human resources and firm performance, eds M.M. Kleiner, R.N. Block, M.Roomkin and S.W. Salsburg. Washington DC: BNA Press.

Huselid, M. A. (1995). The impact of human resource management practices on turnover, productivity, and corporate financial performance. The academy of management journal, 38(3), 635-672.

Ichniowski, C., Shaw, K. and Prennushi, G. (1997). The effects of human resource management practices on productivity: a study of steel finishing lines. The American Economic Review, 87(3), 291-313

Ichniowski, C., Shaw, K. L., & Prennushi, G. (1995). The effects of human resource management practices on productivity: National Bureau of Economic Research Cambridge, Mass., USA.

Ingraham, P. W., & Kneedler, A. E. (2000). Dissecting the black box: Toward a model and measures of government management performance. Advancing public management: New developments in theory, methods, and practice, 235-252.

Kerdpptak, C. & Jermisittiparsert, K. (2020). The Impact of Human Resource Management Practicesson Competitive Advantage: Mediating Role of Employee Engagement in Thailand. SystematicReviews in Pharmacy, 11(1), 443-452.

Khan, H., & Wisner, J. D. (2019). Supply Chain Integration, Learning, and Agility: Effects on Performance. Journal of Operations and Supply Chain Management, 12(1), 14.

Kim, S. 2009. 'I.T Employee Job Satisfaction in the Public Sector'. International Journal of Public Administration, 32(12):1070-109

Kuruppu, C.L., Kavirathne, C.S. & Karunarathna, N(2021): The Impact of Training on Employee Performance in a Selected Apparel Sector Organization in Sri Lanka: Global Journal of Management and Business Research: A Administration and Management Volume 21 Issue 2 Version 1.0. ISSN: 2249-4588 & Print ISSN: 0975-5853

Lado, A.A., & C.M. Wilson. 1994. Human resource systems and sustained competitive advantage: A competency based perspective. Academy of Management Review 19: 699–727.

Legge, K. (1998). The Morality of HRM, in C. Mabey, D. Skinner and T. Clark (eds). Experiencing Human Resource Management, London: Sage.

MacDuffie, J. P. (1994). Human resource bundles and manufacturing performance: Organizational logic and flexible production systems in the world auto industry. Indus. & Lab. Rel. Rev., 48, 197.

Marwat, Z. A., Arif, M., & Jan, K. (2009). Interdisciplinary Journal Of Contemporary Research In Business. IJCRB, 189.

Milovich, T. G., & Boudreau ,E,J (1998). Human resource management, 8th edn.Boston: Irwin.

Mondy, K. (2011). Cardiovascular risks of antiretroviral therapies. International Journal of Human Resource, 58, 141-155

Monish P and Dhanabhakyam M.(2022): Role of Innovative Grievance Management Strategies On Workplace Justice: International Journal of Novel Research and Development (www.ijnrd.org) 2022 IJNRD | Volume 7, Issue 2 February 2022 | ISSN: 2456-4184 | IJNRD.ORG

Muhammad IA et al., (2022): The Effect Of compensation management On Employee Performance: An Empirical Study In North Gas Company. World Bulletin of Management and Law (WBML) Available Online at: https://www.scholarexpress.net Volume-7, February-2022 ISSN: 2749-3601.

Nezan, H. K; Ataffar, A; Isfani, A. N; &Shahin, A. (2013). The Impact of Structural Capital on New Product Development Performance Effectiveness: The Mediating Role of New Product Vision and Competitive Advantage. International Journal of Human Resource Studies, Vol. 3 (4), pp. 281-301.

Ozgediz, S. (1983) Managing the Public Service in Developing Countries: Issues and Prospects. Staff Working Paper No. 583. Washington, DC: World Bank.

Paaouwe, J. (1998) HRM and Performance: The Linkage between Resources and Institutional Context. Rotterdam: Erasmus University.
Park, H. J., Mitsuhashi, H., Fey, C. F., & Björkman, I. (2003). The effect of human resource management practices on Japanese MNC subsidiary performance: a partial mediating model. *The International Journal of Human Resource Management, 14*(8), 1391-1406.

Pfeffer, J. (1994). *Competitive advantage through people: Unleashing the power of the work force: Harvard Business Press*.

Philip, O. O., & Ikechukwu, D. (2018). Impact of Human Capital Development on Employee Performance: A study of Selected Oil Service Firms in Rivers State, Nigeria. *International Journal of Social Sciences and Management Research, Vol. 4* (3), pp 56-69.

Qureshi M Tahir & Ramay I. Mohammad (2006). ‘Impact of Human Resource Management Practices on Organizational Performance in Pakistan’. Muhammad Ali Jinnah University Islamabad.

Reddy; 2020. Impact of Compensation on Employee Performance; IOSR Journal of Humanities And Social Science (IOSR-JHSS) Volume 25, Issue 9, Series 1 (September. 2020) 17-22 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org

Roberts (1997) Remuneration and rewards. In Beardwell, I and Holden, I (eds) Human resource management—a contemporary perspective. London: Pitman.

Schmidt, S. 2007. 'The Relationship between satisfaction with work place training and over all Job satisfaction'. Human Resource Development Quarterly, 18(4).

Sels, L., De Winne, S., Maes, J., Delmotte, J., Faems, D., & Forrier, A. (2006). Unravelling the HRM–Performance Link: Value Creating and Cost Increasing Effects of Small Business HRM*. *Journal of Management Studies, 43*(2), 319-342.

Shahzad, S., Bashir, S., & Ramey, I. M., Impact of HR Practices on Perceived Performance of University Teachers in Pakistan *International Review of Business*, 4(2), 302-315.

Shakeel, S., & Lodhi, S. (2015). Impact of Training and Development on Employee Performance: A Case of Banking Sector of Pakistan. *The International Journal of Business & Management*, 3(11), 76.

Sinha, V. & Thaly, P. (2013). A review on changing trend of recruitment practice to enhance the quality of hiring in global organizations. *Management : Journal of Contemporary Management Issues, 18*(2),

Soni, V. (2004). From Crisis to Opportunity: Human Resource Challenges for the Public Sector in the Twenty First Century. *Review of Policy Research, 21*(2), 157-178.

Sumual, T., Kawulur, A. F., & Manaroinsong, J. (2017). “Increasing Employee Productivity through Human Capital and Organizational Capital.” *International Journal of Business and Management Invention (IJBMI), Vol. 6* (9), pp. 16–21.

Sutduean, J., Sutduean, C., & Jermsittiparsert, K. (2019). Finding Determinants of Big Data and Internet of Things Driven Competitive Advantage: An Empirical Study of Pharmaceutical Sector of Thailand. *Systematic Reviews in Pharmacy, 10*(2), 362-371.

Tabiu, A., & Nura, A. A. (2013). Assessing the effects of human resource management (HRM) practices on employee job performance: A study of Usmanu Danfodiyo University Sokoto. *Journal of business studies quarterly, 5*(2), 247.

Terpstra, D.E., & E.J. Rozell. 1993. The relationship of staffing practices to organizational level measures of performance. *Personnel Psychology* 46: 27–48.

Tessema, M. T., & Soeters, J. L. (2006). Challenges and prospects of HRM in developing countries: testing the HRM–performance link in the Eritrean civil service. *The International Journal of Human Resource Management, 17*(1), 86-105.

Ting, Y. (1997). Determinants of job satisfaction of federal government employees. Public Personnel Management, 26(3), 313-334.

Wright, P. M., Gardner, T. M., & Moynihan, L. M. (2003). The impact of HR practices on the performance of business units. *Human Resource Management Journal, 13*(3), 21-36.

Youndt, M., Snell, S., Dean, J. and Lepak, D. . (1996). Human Resource Management, Manufacturing Strategy and Firm Performance. *Academy of Management Journal, 39*(4), 836-866.

Zeffane, R., Al Zarooni, H.A. 2008.’The influence of empowerment, commitment, Job satisfaction and trust on perceived managers' performance’. *International journal of Business excellence, 1*, (1/2.)