HUMAN RESOURCES DEPARTMENTS AT HIGHER EDUCATION AND IMPLEMENTATION OF NEW AND EMERGING TECHNOLOGIES

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ABSTRACT

Human resource management translates business strategic goals into human resource strategy and develops competitive HR management. To meet rising accountability, effectiveness, and efficiency demands, higher education institutions must enhance how they store, manage, and use their information and knowledge warehouses. Globalization, increased rivalry, innovation, and technology have made human resource management (HRM) crucial for competitiveness. This research describes HRM systems, practices, and effects. The current HRM system, SMEs' HRM practices, and their results must be analyzed. Since gender may affect how faculty members at sampled colleges feel about their HRM system and practices, they were initially divided into male and female categories. The distribution faculties, mostly because it may affect their evaluation of their institutions' HRM systems and practices. Employee competency development and efficient usage improve organizational performance. HRM may "create value by increasing intellectual capital within the firm." Improved HRM practices boost college performance, which boosts institution performance. Colleges and faculties may affect performance.

Keywords: Human Resource Management, HRM Strategy & Devolvement, HRM Technology.

INTRODUCTION

Management can be defined as the act of handling or exercising control over a variety of different items and resources. Management is something that anyone and everywhere needs to get involved in if they want to achieve their goals. Due to the limited availability of resources, efficient administration is absolutely essential. Both intangible items and living persons can be considered resources. Even places of higher education are required to maintain control over their resources. These institutes offer specialized education from highly qualified teachers in order to cultivate exceptionally well-trained specialists in a wide variety of professional, scientific, and cultural sectors. As a result, educational establishments at the postsecondary level need to improve the way they manage their information and knowledge in order to adapt to the various internal and external environments in which they function. This is due to the fact that they are referred to as "knowledge organizations." They function as a tool for enriching the social and cultural life of a nation in addition to the economic life of that nation. It is widely held that the success of an educational institution

may be attributed, at least in part, to the quality of its people resources and to the degree to which the institution takes human resource management as the fundamental component of educational administration.

(HRMS) Human Resource Management System

In decision making, human resources departments at colleges and universities rely on integrated technological systems. This helps to guarantee that work is carried out effectively and efficiently across administrative and operational fronts. Instead than depending on managerial views and intuitions, HR can make use of the Human Resource Management System (HRMS), which gives them access to the exact information that is necessary for strategic planning. Having access to HRMS makes it easier for the director and staff members working in the HR office to carry out their responsibilities. It is helpful in conducting correct job evaluations, making appropriate payments for wages and benefits, and obtaining information regarding payroll. As was just mentioned, human resources also make use of HRMS for posting jobs, recruiting candidates, employing employees, and conducting training. The use of HRMS helps to free up more time for HR staff members, who previously spent a significant amount of time responding to employees' normal questions and concerns.

Strategy

The execution of corporate strategic goals into HR policies and practices is one of the many obligations that fall within the purview of human resource management. Other responsibilities include the formulation of HR policies and practices that have the potential to provide a company with a competitive edge. Universities have been facing an increasing amount of pressure to improve the ways in which they store, manage, and make use of the information and knowledge warehouses they already possess in order to satisfy growing accountability, effectiveness, and efficiency standards. As a result of globalization, greater worldwide competition, innovation, and advancements in technology, human resource management (HRM) has become increasingly important for gaining a competitive edge. In addition, education has recently emerged as a brand-new industry that is rapidly expanding. The fierce competition that exists between educational institutions, as well as their shared aspiration to be counted among the very best in the world, makes resource management an exceptionally challenging endeavor.

A Human Resources Management (HRM) System

A human resources management (HRM) system is essential for the operation of any firm organization. In this way, scientific research institutes and universities are very comparable to one another. In addition to the typical information regarding human resources (HR), as is the case with any other type of organization, these types of institutions are required to include particular data in line with national and institutional rules and regulations. As a result, it is possible that these establishments will be obliged to develop their very own HRM system. This essay discusses for the HRM system.

The approach of conducting a requirement analysis is discussed in the third section. defines the central component of a specific HR system for research and education institutions, a comprehensive explanation of the academic professional development framework in Croatian institutions of higher learning is provided. This section also establishes the core component of a particular HR system for research and education institutions. The architecture of the information system is broken down in detail in the fifth section of this

document. Particular attention is paid to the procedures that are specific to scientific research and higher education. In the sixth part of this series, the architecture of the complete HRM system that was implemented at the University of Dubrovnik will be discussed.

University policy in Europe has recently been characterized by an increased dependency on the differentiation of the university system as a modernizing feature. This is due to the Bologna Process acting as a catalyst for changes in thought and conduct inside higher education institutions (HEI). In the meantime, these institutions are gaining increasing autonomy, and it is hoped that in the competitive environment that will result, they will operate in a manner that is more customer-focused, cost-conscious, and respectful of social issues. This is because the competitive environment will result.

The manner in which public institutions of higher learning are dealt with has undergone a major transformation, and the shift toward expanding "managerialism" has been largely inspired by the ideas of "academic capitalism" and "entrepreneurial universities." Enders et al. came up with three different possible futures for higher education in Europe and broke each one down into a scenario. The first model, known as Centralia, would have characteristics such as a state-oriented organization, integration with Europe, synchronization, and massive organizations. The second model, known as Octavia, would capitalize on the institutional and economic developments that lead to a network economy, and it would place a primary emphasis on academic community control as its primary form of identification. Thirdly, in order to understand what Enders and colleagues referred to as "Vitis Vinifera," the focus of attention is placed on a market orientation, tiny organizations, and a large deal of independence when it comes to decision-making or integration.

Without venturing any guesses as to which "world" may really come to pass, it is undeniable that a gust of change has already made its way into the landscape of higher education in Europe. According to File et al., higher education institutions in Europe will be operating in an environment that is noticeably less safe now than it was just a few decades ago. They will benefit from the newly established self-government, which tackles major aspects such as the selection of students, the influence of tuition charge levels, the establishment of staff income laws, and the autonomous choice of which programs to supply. These will be completely innovative additions to the "management existence" that now exists within the universities. There will be a marked increase in competition for available positions, contracts, and students. Freedom, opportunity, and potential risks in one's financial situation all grow when certain constraints are loosened.

Information regarding the history of the production of the HRM electronic book

This electronic book is a collection of student work that was done for the MARIHE program class titled "Human Resource Management in Higher Education." Attila Pausits is the instructor of the class titled "Human Resource Management in Higher Education," which also features contributions from Hans Pechar and a few other people. The course is designed to help students achieve the following goals:

1) Comprehend the theoretical underpinnings, as well as the strategic role and practical instruments, of HRM in HEIs.

2) To conduct an analysis of the strategic role that HRM plays in HEIs, and

3) To put into practice some of the most important HR management tools in accordance with the particular circumstances of each institution.

The course introduces the HR context in HEI – the extent of institutional autonomy for HR decisions in HEI in labor market conditions – and discusses the current challenges of HR management in Europe and the dimensions of HR. It also analyzes the instruments and methods of strategic HR management, including manpower planning, staffing and workload targets, staff recruitment, staff development, and appraisal of Performa. This is accomplished through guiding students' self-learning and group-work, as well as through lectures and workshops.

Management of Human Resources at a Strategic Level in Educational Institutions

The importance of human resource management (HRM) for gaining a competitive edge has been heightened as a result of globalization, international competition, innovation, and advances in technology. In today's rapidly evolving and increasingly globalized world, an organization's human capital may very well be the only lasting competitive advantage it possesses. A recent study came to the conclusion that human capital, especially in comparison to new technology as well as financial and material resources, is more valuable than ever before. Because of the constantly shifting nature of work, particularly in terms of technical, organizational, and competitive advances, it will always be difficult for businesses to recruit and keep an appropriate supply of skilled workers from the labor market.

This is a problem that will never go away. According to Barney and Wright (1998), the concept of strategic human resource management (SHRM) became increasingly relevant as a result of the fact that in knowledge-based economies in the 21st century, the emphasis is placed on personnel being considered as a main component for the purpose of achieving a competitive advantage. SHRM was found to result in human capital that was more committed to the organization and had a reduced turnover rate by other researchers as well. On the other hand, the majority of this discussion in the published works relates to business.

There is a significant deficiency in the amount of research that has been conducted in relation to the application of human resource management principles in higher education. An analysis of the findings of past study reveals that there has not been nearly enough investigation into the connection between SHRM practices and educational institutions of higher learning. However, making efficient use of human resources is absolutely necessary in the field of higher education because of how labor-intensive it is. For this reason, a study was designed to discover whether or not universities in Saudi Arabia are engaging in strategic human resource management and, if so, to what degree they are doing so. If they are, then this study will also assess how far this practice has been implemented.

Human Resources Departments at Higher Education Institutions

People management in the workplace has gotten increasingly difficult in recent times. People are sick and tired of repeating the same thing over and over again. They require shifts in routine and perspectives at various time periods. They cannot be relied upon to perform the same actions repeatedly in the same manner. People with more years of experience and seniority are entitled to a higher compensation. The cost of the trained labor is really high. Their efficiency is directly proportional to the person's capacity to provide

direction and guidance. On the basis of observations and previous experiences, the following difficulties have been identified.

Poor Conditions of Employment

In most cases, the personnel anticipate monetary benefits for their accomplishments. However, in addition to this, they anticipate a more positive and energizing atmosphere within the school. However, it has been found that the faculty and staff at higher education institutions are need to make significant adjustments. They are always reported to be demanding that their working conditions include various amenities and flexibility options. The technique for the incentive system ought to be organized and methodical. A good salary has the tendency to eliminate discrepancies between the wages of staff members, raise their individual morale, inspire them to work for pay growth and promotions, reduce inter-group friction and employee grievances, and raise their individual morale. The salaries of staff members are not paid in conjunction with those of other civil servants, and in certain instances, faculties are owned by many months of salary areas.

Implementation of New and Emerging Technologies in Teaching

The current era is one that is dominated by information and communication technologies. The utilization of information and communications technology is beneficial in virtually all fields, including the commercial and educational arenas. The use of information and communications technology allows for the rapid broadcast of information and the imparting of knowledge, as well as the decentralization of work and the extension of the work force. When it comes to instruction in the classroom, ICT can serve as a facilitator, supervisor, and guide for the faculty. The management of employees and students, as well as other operations such as financial concerns, can be made easier with the use of ICT. When compared to those in other businesses, the budget for human resources in higher education is significantly lower. Because of this, the salaries of the staff members are kept low, and they have less flexibility as a result. As a result, the quantity of grants that are distributed to the faculties is decreased.

Alternation of Mental Processes

The number of private universities and other types of institutions is growing rapidly. Private higher education institutions generally offer superior facilities to their student bodies when compared to those that are officially recognized by the government. The proprietors and trustees of the organization realize that in order for the organization to be successful in the market and for it to be run in a lucrative manner, it is necessary to provide the employees with a variety of facilities and flexibility options. Some offer competitive compensation packages to skilled employees, which encourage people to move quickly from one organization to another in order to take advantage of new opportunities. Poor management of human resources is the direct outcome of a low staff retention rate.

OBJECTIVES OF THE STUDY

1. To uncover the profile of the resources and their schools.

2. To measure the degree of presence of HRM frameworks at the schools.

RESEARCH METHODOLOGY

Research methodology is the method of deductively and deliberately, tackling the issue. It displays the arrangement of a research cycle which will be done during the time of the research. It incorporates research design, testing plan, assortment of information, structure of examination and impediments.

DATA ANALYSIS

Practices in College Human Resource Management

Practices Regarding Induction

According to Sparrow and Redhawk (1975), the induction procedures include the many different kinds of orientation programs that are carried out faculties. In most cases, it comes after the process of recruiting and selection of individuals. The findings from the review of prior studies were used to determine the variables pertaining to induction practices. Table 2.2 contains a full listing of these.

Table 1 Variables Associated with Induction Procedures

Sl. No.	Variables
1	Orientation programmed
2	Planned introduction to job
3	Job description
4	Role clarity
5	Career path

It has been requested of the faculty members that they rank the aforementioned factors on a in which they are implemented at their respective colleges.

Communication-Related Practices

The effectiveness of the communication channels inside the organization is directly proportional to the overall strength of the organization. According to Cheng and Brown (2007), the amount of communication, the channel of communication, and the communication techniques implemented by the business each have their own independent impact on the growth of the HR. The variables that pertain to communication behaviors were derived from an analysis of prior research (Davidson et al., 2006; Legge, 2005). The details can be found in Table 2.3.

Table 2 Variables in Methods of Exchange

Sl. No.	Variables

1.	Openness
2.	Interactive sessions
3.	Transparency
4.	E-learning programmes
5.	Grievance redressal system
6.	Organizational hierarchy
7.	'C' Sessions

On the basis of the degree to which the aforementioned variables are being implemented within the faculties, it is requested that ratings be given on a five-point scale.

Practices Regarding Retention

According to Pavan (2004)12, the innovative human resource management strategies utilized in the industrial sector are known as retention practices. Because the cost of preserving current faculties is lower than the cost of producing new faculties, the company has decided to put this plan into action in order to keep the human resources that it already possesses. There is an effort being made by the organization to adopt these practices The reviews (Ruta, 2005; Tyson, 2006) provide the information that is used to draw the factors associated to retention strategies. Table 2.4 outlines all of these considerations.

Table 3 Practices that Vary in Terms of Retention Variables

Sl.No.	Variables
1.	Flexible hours
2.	Counseling
3.	Stay interview
4.	Active alumni clubs
5.	External mentors
6.	Problem sharing sessions
7.	Proactive approach

It has been requested of the faculty members that they rank the aforementioned factors on a five point scale according to the order in which they are implemented at their respective colleges.

CONCLUSION

According to the findings of the current study, HRM practices are only being implemented at a moderate rate. The HRM system is less developed at colleges and has a lower degree of existence. Although the presence of an HRM system and the application of HRM practices at colleges have a significant impact on job satisfaction, stress reduction at work, organizational commitment, climate at work, and faculty performance at colleges, these systems and practices are not properly established and applied. Both the institutions' potential future expansion and the goods these institutions create might be impacted. It is one of the factors contributing to the decline in college-level education quality. The college administration should make a significant effort to set up an effective HRM system at their institutions and to update the way HRM practices are used there to meet the needs of the modern educational environment.

REFRENSES

1. Guest, D.E., (2001), "Human Resource Management: When Research Confronts Theory", International Journal of Human Resource Management, 12 (7), pp.1092-1106.

2. Ichniowski, C., Shew, K. and Prennushi, G., (1997), "The Effect of Human Resource Management Practices On Productivity: A Study of Steel Finishing Lines", American Economic Review, 87 (7), pp.291-313.

3. Robbins, S.P., & Coulter, M., (2006), Management (8th ed.) United States: Prentice Hall.

4. Qureshi, Z.I., (1994), Impact of Management Practices on employee effectiveness in South Asia, Working Paper, 94(1), Retrieved, February 01, 2009 from http://ravi.lums.edu.pk.emer/ upload/impact_of_ Mgmt_ Practices.pdf.

5. Time Higher Education Supplement's World University Rankings (2004), Retrieved June 08, 2011 from http://www.skyscrapercity.com/ showthread. php?t=148746.

6. Hoodbhoy, P., (2005), Reforming our Universities, Lahore, The Daily Dawn, March 3.

7. Rehman, A.U., (2005), Higher Education Budget up by 1200 Pc.Lahore: The Daily Dawn, March 4.

8. Guest, D., (2002), Human resource management, Corporate performance and employee wellbeing: Building the worker into HRM, The Journal of Industrial Relations, 44(3), pp.335-358.

9. Ravichandran, A., Venkat Raman, A., and Himanshu Chadha, (2014), "Human Resource Practices and its Challenges in Higher Educational Institutions in India", International Conference on Technology and Business Management, March 24-26, pp.140-142.

10. Lado, A., & Wilson, M., (1994), Human Resource Systems and Sustained Competitive advantage: a competency based perspective, Academic Management Review, 19, 699 – 727.

11. Arthur, J.B., (1994), Effects of human resource systems on manufacturing performance and turnover, Academy of Management Journal, 37, pp.670-687.

12.   Burke, R.J., & Cooper, C.L., (2005), Reinventing Human Resources Management, Oxford, Blackwell Publishers.

13.   Chang, P.L., & Chen, W.L., (2002), The effect of human resource management practices on firm performance: Empirical evidence from high-tech firms in Taiwan, International Journal of Management, 19(4), pp.622-631.

14.   Delaney, J.T., & Huselid, M.A., (1996), The impact of human resource management practices on perceptions of organizational performance, Academy of Management Journal, 39(40, pp.949-970.

15.   Guthrie, J.P., (2001), High involvement work practices, turnover, and productivity: Evidence from New Zealand, Academy of Management Journal, 44(1), pp.180-190.

16.   Harley, B., (2002), Employee responses to high performance work system practices: An analysis of the AWIRS95 data, Journal of Industrial Relations, 44(3), pp.418-434.

17.   Horgan, J., (2003), High performance human resource management in Ireland and the Netherlands: Adoption and Effectiveness, Groningen: ICS-dissertation.

18.   Huselid, M.A., (1995), The impact of human resource management practices on turnover, productivity and corporate financial performance, Academy of Management Journal, 38(3), pp.635-672.

19.   Huselid, M.A., Jackson, S.E., & Schuler, R.S., (1997), Technical and Strategic human resource management: Effectiveness as determinants of firm performance, Academy of Management Journal, 4(1), pp.171- 188.

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