

EVOLUTION TOWARDS GREATER DIGITALIZATION IN HR PROCEDURES

¹Debasish Kanungo, ²Kalpna Sahu, ³Dr. Malla Jogarao, ⁴Dr. K. Soujanya, ⁵T. Kushwanth Kumar, ⁶Ankita Nagra

^{1,2}Research Scholar, Department of MBA, CV Raman Global University.

³Assistant Professor (visiting), Indian Maritime University, Visakhapatnam.

⁴Assistant Professor, Department of BBA, Koneru Lakshmaiah Educational Foundation, Green Fields, Vaddeswaram, Guntur.

⁵Research Scholar, Department of BBA, Koneru Lakshmaiah Educational Foundation, Vaddeswaram, Guntur, Andhra Pradesh.

⁶Research Scholar, Department of BBA, Koneru Lakshmaiah Educational Foundation, Vaddeswaram, Guntur

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Abstract

The rise of digital technologies and their rising prevalence have led to the digitalization of society. The modern business paradigm is being revolutionised by digitisation. The effects of the digital 'revolution' on modern businesses extend beyond the surface level. Previous studies have looked at how digitization would affect traditional company metrics like marketing, customer retention, and revenue growth. However, the internal effects on businesses, especially the implications for HR administrators, have received little attention from researchers. The widespread use of HRM software, Information Technology based HR Practices, online communities, and mobile solutions means it is one of the areas most directly impacted by the rise of digital technologies. Human resource management in many companies is becoming digital (HR). Staying ahead of the competition requires a dedication to constant improvement and reinvention of HR policies and procedures. Recent research has also indicated that companies are implementing HR policies and procedures that are digitally enabled and employee-centric. Human resource (HR) upgrades are necessary to produce top-notch outcomes and contend with a fiercely competitive industry. Thus, as time goes on and technology improves, traditional HRM is increasingly being replaced with new, more cutting-edge HRM. As a result, this study set out to look more into the topic of HRM in the digital age. The focus was narrowed to learn more about the effects of digitization on human resources managers.

Keywords: digital HRM, HRM, technologies, revolutionized, digitization

INTRODUCTION

Because of the internet's role as a primary driver of change in companies, technological progress is a major factor in bringing about transformation. Because technology allows for more efficiency in information dissemination and allows for contact with wider audiences than has been possible in previous history. Competition for comprehensive digitalized transformation and rapid improvements in HR technology are two factors that today's HR professionals must address. Human resource professionals of the future will need to possess a new set of technical knowledge, aptitudes, and competencies to keep up with the rapid pace and unexpected shifts in the global workplace. Human resources experts must weigh the advantages and disadvantages of decentralisation, which, when implemented correctly, may free people from oppression. A new kind of organisation, built on a new set of principles, will be needed in this period if independent people are to be united in their commitment in a way that is both socially viable and productive. Therefore, it is evident that a more effective method for managing HR as a system is developing, and that future HR managers should learn to manage themselves (Anyim et al, 2011). Today's global marketplace necessitates the constant movement of goods, services, technologies, managerial expertise, and capital to and from other nations. As a result of globalisation, the globe is much more accessible thanks to the expansion of rapid communication networks. Globalization has led to a deeper interconnection of national economies (Bhagwatti, 2004). Moreover, in the world as it now exists, digital HRM has emerged as a leading management capability, in contrast to traditional HRM, due to the fact that an organization's very existence is predicated on the quality of its people resources. The HR division must adapt to the new digital reality by centralising best HR practises. Human resource management, however, faces a variety of obstacles on a global scale. In today's global economy, companies who don't try to develop internationally will inevitably fail. For human resources professionals, this is the ultimate test, as they must face the difficulties of constant transformation. Human resources departments now play a vital role in generating the momentum and internal competencies that organisations need to thrive, complementing the efforts of other departments. It has become more apparent that human resource management (HRM) must play a more strategic role in the success of an organisation, and as a result, the role of the human resource manager is expanding, as stated by Indermun (2014). The quality of an organization's human resources is

heavily dependent on how effective its hiring process is. As Burma (2014) points out, "in an age of competition, the success of any association is related to the development of its talent," so it's just as important to keep good employees around as it is to find and hire them. Consistent reward systems are so dependent on objective, well-defined, and fair measures of achievement. According to Taylor (2009), there are four key areas to concentrate on if you want your employees to "become hopelessly enamoured with" the company: pay fairly in accordance with market place, treat well: i.e. centre in recognition of every employee's commitment, train and develop skills and talents, and reward and recognise employees for their efforts. When working in a web-based economy, human resources professionals would do well to take a theoretical approach to improving the efficiency of HR operations by integrating IT. To maintain a healthy equilibrium between inventiveness and productivity, technology is a crucial tool for every organisation. Human resources (HR) is typically in charge of developing the organization's authoritative structure, so there's a lot of back-and-forth between IT and HR. This collaboration is extremely fruitful, as digital technology enables HR to boost the organization's profitability by making better use of its most valuable asset: its people. "An umbrella phrase embracing all potential integration method and contents between HRM and IT going for producing value within and crosswise over association for targeted workers and management," digital HRM is a means by which plans, policies, and practises may be successfully executed. The bulk of HR-related tasks are contracted out. As a consequence, companies are looking for the HR department to acquire more cutting-edge skills.

Digitalization in Recruitment:

In comparison to other service sectors, the recruiting industry has been around the longest. As a result of technological advancements, hiring is facilitated. The term "recruitment" refers to the method used to attract qualified individuals to fill positions that have been officially announced as being open. E-recruitment makes available an array of technological tools.

Types of E- Recruitment

E-recruitment in operation involves crucial interactions typified by real-time, candidate-to-recruiter communication around the globe and extensive use of automation.

The term "relational E-recruitment" refers to the practise of using web 2.0 tools like social networking sites and personalised email to foster genuine connections with prospective employees.

With its foundation in a global talent management strategy, "transformational e-recruitment" first identifies the foundational roles, and then attracts and retains candidates that fit the desired profile. The image and reputation of the company offering the job might be a huge asset.

Digitalization in Performance management:

Staff performance is evaluated based on how well they meet ever more difficult goals. E-Performance Management, or e-PM for short, refers to the process of organising and using IT to manage and monitor the performance of an organization's PM framework. This part of E-HRM is known as E-Performance Management. IT-enabled performance management provides a powerful tool for reaping the system's full advantages at a lower overall cost to business. As a result of E-Performance Management, businesses may include employees' records of fundamental skills and competences into the monitoring process. Technological advancement has led to the widespread use of performance assessment programmes in businesses. Human resources departments may save time and money with the use of performance management software. Software for managing performance reviews is a modern solution to an old problem. It's useful for keeping tabs on how things are going and for making changes to improve productivity, relationships, actions, growth, and fundamental skills.

Digitalization in Training Development:

The use of IT tools has altered the traditional classroom instruction of workplace training. E Learning gives workers a great opportunity in today's technological age by making education more engaging and enjoyable. "E Learning" means "delivering a broad technique for arrangements that boost knowledge and performance using internet technology." As the course progresses, the methods used to prepare students range from the elementary—lectures, case studies, role playing, etc.—to the advanced—technology-based learning, video, internet, and computer-based. E-Learning is gaining popularity in both the public and commercial sectors. E-learning, or online or electronic learning, is education that makes use of or is facilitated by the Internet and other forms of modern information and communication technology.

Objective of the study:

The goals of the present investigation are as follows.

- To learn why HRM must undergo digital revolution.
- The goal is to learn how HRM departments are currently using digital tools.
- To get an understanding of how HRM digital tools function and how they may be effectively used in India.

LITERATURE REVIEW

Experts in human resources are already making use of technology, but the question of whether or not their efforts are being recognised, amplified, or evaluated remains unanswered. In order to attract and retain the kind of high-performing,

technologically-savvy employees that will provide the company a competitive edge, HR departments must integrate IT into their operations (Huselid, 1995). Cases in the news recently among regional and international corporations have shown the need of incorporating it into HR procedures to increase productivity. By designating each HR employee as a change operator and outlining essential skills, Deutsche Bank, for one, has elevated its human resources department to the level of a crucial business partner. Changes in Deutsche Bank's human resources structure were driven by efforts to enhance the company and make better use of data (Svoboda and Schroder, 2001). Previous research has framed technology as a useful tool that, when combined with preexisting business capabilities, might promote competitive advantage (Tippins and Sohi, 2003). To acquire new abilities, practises, and associations amid the procedure of hierarchical re-outlining, it is expected that the traditional HRM practises, such as enrollment, compensation, performance evaluation, retraining, redeployment, and rightsizing (Huselid 1995), will be purposefully adjusted with innovations, which are defined as creative HRM practises (Som, 2012). Companies' reluctance to invest much in IT presents a major challenge during the implementation of HR procedures. At the same time, it cannot be denied that new ideas are a major factor in the success of HR procedures (McCampbell, Clare and Gitters, 1999). According to Pfeffer (1981), the choice of innovative HR practises is largely influenced by the relative strength of authoritative factors to sustain such progress in a hierarchical structure (such as size and unionisation, for example) (Kossek 1987, 1989). Supervisors now recognise that the adoption and integration of IT by organisations is a competitive need, but they also realise that they have a lot to learn about strategically positioning innovation to ensure the significant positive impact on business performance (Tippins and Sohi, 2003). Further, technological advancements might provide an advantage in gleaning insights from massive data archives. Researchers have shown that organisations may get a variety of benefits by adopting creative HR practises (Agarwala 2003; Bhatnagar and Sandhu 2005; Bhatnagar 2007).

It may also facilitate improved communication and collaboration among people at different levels of an organisation. Some researchers concluded that the most effective way to improve employees' attachment to the company was to have senior leaders demonstrate innovative HR practises. Previous experts have also argued that the HR department's interaction with top and middle management, as well as the HR process's connection with the hierarchical approach, are all crucial (Ulrich 1997). Unionization, inventive complexity, hierarchical scale, professionalisation, rebuilding, initiative and style of best administration, and HR division are all characteristics that Som (2007) suggests have an effect on the selection of creative HRM strategies in Indian organisations.

Innovation is not just changing the way things are done, as pointed out by Oxford Economics (2012). (HR). Today's HR innovators have access to gadgets that quantify and predict outcomes that were previously difficult to assess. Evidence from studies shows that the evolution of human resources into a strategic business function is already under way and will continue in the years to come. Human resources (HR) and other specialised departments will be working together more closely to improve the implementation and analysis of talent management, and there will be an increased emphasis on the role that technology plays in delivering business outcomes.

According to Wolf (2015), societal and technological developments are fundamentally altering the administration of capital punishment. Many businesses have already made the transition to paperless operations, but the trends are expanding beyond that. These days, managers can check in with their employees practically constantly to provide feedback and ensure everyone is on the same page (Wolf, 2015). This unstructured feedback may also be directly fed into the formal execution administration process to improve completion and accuracy and reduce surprises.

According to Chase (2014), digitalization is necessary for modern talent management, but it is only part of the solution. Changing talent management also involves making use of social and computerised innovations in ways that promote and improve communication, coordinated effort, and commitment, not only between an employee and the organisation, but also among employees within the organisation. Forms of human resources and abilities, as well as the technology that supports them, will no longer exist in isolation. Or maybe many facets of human resources and talent management will become integral to the future of work (The Innovation venture, 2015).

According to Bondarouk and Rul (2009), there is "little uniformity or assenting in locate" when it comes to e-HRM terminology. The authors also stress the need of learning how experts define e-HRM. They argue that little variations in wording may lead to further investigations anticipating different guidelines, or in a wide range of "subsets" of e-intended HRM's clientele. A number of different definitions of this phenomenon have been put out since the first attempts to map the connection of technology technologies and HRM. E-HRM, also known as HRIS (Human Resources Information System), virtual HR(M), online HRM, and web-based HRM, has many different names, however the literature draws distinctions among these various forms of technology. T. Bondarouk; D. Schilling; H. Rul (2016). The differences between an HRIS and an e-HRM seem to be most apparent with respect to scale and success. Some definitions of e-HRM in the literature emphasise the system structure as the defining feature. Some have defined e-HRM as the "planning, use, and utilisation of data innovation for both systems administration and supporting of at least two individual or aggregate on-screen characters in their common executing of HR exercises" (Strohmeier, S., 2007). The research team of Thite, M., and Kavanagh, M.J. (2009) divided HRM activities into three categories: Human resource management (HRM) consists of three types of activities: (1) value-based activities such as everyday exchanges and recordkeeping; (2) traditional HRM activities such as planning, recruitment and performance management; and (3) Career development, talent management, and training are all examples of transformative activities that provide value to an organisation. As technology has become more integrated into HR frameworks, increasing

amounts of value-based activities are being communicated electronically. The next section compares CHRIS/HRIS with e-HRM in an effort to discover how an innovation-driven, client-facing, online interface might improve HRM efficiency and effectiveness for a wide range of organisations. According to Walker (2001), HRIS is a means for efficiently collecting, storing, maintaining, retrieving, and approving data related to a company's human resources, employee activities, and organisational structure. It is important to consider the following while trying to define e-HRM. Successful implementation of e-HRM necessitates the use of an HRIS that is integrated with other relevant technology to facilitate the collection, analysis, and dissemination of human asset data all over the organisation (Van Heerden, Poisat, & Mey, 2012). By the effective e-HRM platform, HRIS must aid both human asset and line administrators in fundamental leadership related to the achievement of important business objectives through the systematic production of accurate, illuminating, and relevant data (Van Heerden et al., 2012). It is equally essential for managers and workers to engage with a new e-HRM system for it to be established and used in the organisation. It has been difficult to get managers and employees to use e-HRM systems because some executives have complained that doing so is a waste of time. Instead, they prefer to stick with the tried-and-true but antiquated methods of paper-based HR management (Parry and Tyson, 2011). Case studies like this one highlight the need of encouraging people to shift their perspective on the advantages of accepting e-HRM to avoid setbacks and reap the related benefits (Parry and Tyson, 2011). Skills enhancement, training, and an adaptable electronic human resource management system are emphasised as critical components of this model.

Social factors may also play a role in how well e-HRM is received, as the national culture in which an organisation is based may influence the culture of the group as a whole (Bondarouk, Schilling, & Ruel, 2016). For instance, a culture that places a premium on tight, personal relationships may find e-HRM practises less familiar and, hence, more challenging to adopt and integrate (Bondarouk et al., 2016).

Evidence for the value of electronic health records may be broken down into four categories, as identified by Watson (2002): increased profits, decreased expenses, a higher rate of profits, and enhanced communication between employers and employees. Evidence from literature and case studies suggests that e-HRM may boost productivity. Reduced human resources personnel, cost savings reserves, and regulatory burden are all credited to increased computerization for achieving this goal (Strohmeier 2007 cites Hawking, Stein, and Foster 2004; Rul et al. The time savings from e-HRM may be estimated, but their monetary value cannot be determined with certainty at this moment (Dias, 2001). Increased possibilities and improved customer service introduction for HR specialists are two ways in which E-HRM may aid in the achievement of societal goals, in this case, the provision of excellent services to the organization's internal customers (Snell, Pedigo and Krawiec, 1995 as referred to in Lepak and Snell, 1998).

FINDINGS

The first step in the virtual transformation of HR is an internal conversation on the importance of connectivity, real-time operations, structures, automation, and a mobile-first mentality. That's a present-day chance for a lot of departments, not just HR but all around the business. The bigger virtual HR job is to answer the question, "how can HR play a role in establishing the overall digital corporate technique, organisation, and culture?" The digital HR journey centred on the employee and HR experience is a component of this larger effort.

This research aimed to define the current status of e-HRM and the current state of knowledge in this area. It has been proposed that electronic human resource management (e-HRM) may enhance the effectiveness of HR activities, increase the delivery of HR services, and reposition HR to a more strategic role in the organisation. Therefore, HR may be able to increase its value and contribute to the business' competitive advantage by adopting an eHRM system. Since human resources (HR) generation and systems have less barriers to imitability than elements like know-how, they may be an additional source of organisational expense. One of the primary goals of e-HRM is to generate performance gains or cost reductions by cutting manpower in HR departments and eliminating administration, and there is a lot of recent study that suggests e-HRM may improve the efficiency of HR functions by doing these things. Therefore, E-HRM may replace humans in doing administrative or transactional tasks, and it can also provide these tasks more efficiently. Providing supervisors and employees with self-service alternatives through advanced e-HRM frameworks is another way to cut down on paperwork.

As a result, organisations are working to reduce the resources they use and the amount of time it takes to get things done. Associations are making efforts to convert their HR procedures to electronic forms. With the advent of globalisation, businesses have to reach out to customers all over the globe. To do so effectively, they need transparent processes and a streamlined value chain. Many Indian businesses, like SBIGyanoday E-Learning Entryway and Bank of Baroda, are making the transition to "electronic human resource management (E-HRM)". In these companies, HR capabilities were addressed by separate software applications. Using these digital innovations, businesses are able to get an advantage in their industries. Collectively, they highlight the value and need of cutting-edge tools for India's manufacturing sector. Most companies rely on external advisers for their HR activities, which means they may use some more expertise inside their HR department. The objective behind EHR is to establish a reputable culture that enhances the employees' practical knowledge and so contributes to the company's bottom line. Fundamentally, we found that digitalization is seen as a public sphere shift that creates external weights for internal changes in organisations. There was a depiction of digitalization creating a rapidly shifting environment

that the organisation would need to adapt to in order to survive. It was also emphasised that this suggests customers and salespeople could alter their behaviour. Eventually, everyone is affected by digitization in some manner, and this has direct and indirect effects on the business. Further, it was shown that digitization also provides ideas for HR managers in a number of other contexts.

CONCLUSION

The research was conducted to review the existing literature on the nature and scope of digital HRM. Through enhanced methods of global communication and collaboration made possible by digital tools, digitalization enables novel organisational structures. As a means of adaptation to the uncertain conditions that digitalization brings about, it also necessitates new frameworks for doing work. This presents difficulties for HR leaders, who are put in a perplexing situation that necessitates immediate and crucial focus on the employees. E-HRM, or electronic human resource management, is a business solution that provides comprehensive online assistance with the management of all activities, statistics, and statistics necessary to handle human resources in a contemporary company setting. It's a powerful, trustworthy, and user-friendly application that's available to a wide variety of clients. Certain facets of e-HRM, evidently, have received increasing attention from researchers. This review's results suggested that many research concentrated on the usefulness and cost of e-HRM to the HR division and its employees. More research is needed to advance our understanding of e-HRM and to prove the premise that its deployment would result in strategic advantages, such as increased productivity. What this means in terms of the HRM value chain is an emphasis on employers' contributions to the market and the greater good. This will require empirical studies geared toward the establishment of reliable and valid measures to demonstrate the connection between eHRM and price reductions, increased revenue or earnings, return on investment, financial price addition, shared income, discounts in pollutant ranges, and the alleviation of poverty, among other outcomes. It is also suggested that future research focus on determining the value of e-HRM for a wide range of client organisations, including operational staff and line management, and introducing prices accordingly. This would indicate that "what happens with the people" and "what the people acquire in the business" are HRM cost chain's primary areas of focus. E-HRM, or electronic human resource management, is a method of implementing HR policies, procedures, and practises in organisations through the strategic and deliberate usage of current-day internet-based mostly channels. It addresses all facets of human resource management, including but not limited to: people management, training and education, professional development, business agency, activity descriptions, a streamlined recruiting process, confidential employee pages, and yearly check-ins. Consequently, HRM conducted over the Internet is called e-HRM.

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