

# Integration of social media into HRM practices: a bibliometric overview

Social media  
into HRM  
practices

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## Abstract

**Purpose** – This paper aims to critically discuss the mounting role of social media (SM) or social networking sites (SNSs) on various human resource management (HRM) practices.

**Design/methodology/approach** – The paper is based on 87 published papers collected from the Web of Science Database particularly from 2010 to 2020 (up to June) using VOSviewer software. After reviewing those paper contents, the author briefly highlighted the findings.

**Findings** – According to most of the previous studies, the utilization of SM information for various HRM practices is rising although such utilization is mostly limited to talent search and recruitment & selection at present. Further, it was found that Facebook and LinkedIn are the two most accepted sites among the hiring professionals where the first one mostly provides behavioral information and the second one provides job-related information. Finally, it was revealed that organizations can develop a strong corporate branding through the presence in SM.

**Research limitations/implications** – This review paper is expected to motivate further research initiatives regarding the role of social media into different HRM practices.

**Practical implications** – The author expects that based on the findings, the organizational policymakers can get some practical guidelines regarding the efficient utilization of such a platform.

**Originality/value** – Social media is a powerful platform for flourishing business entities, promoting products, branding, talent search and so many more purposes. An organization can well promote its existence through this popular platform. In particular, the media can be a well-established platform for searching competent employees and creating employer branding. Therefore, more and more research studies should be carried out focusing on this recent issue. This review paper can be a base for the upcoming researchers as it has accumulated the previous literature and their findings.

**Keywords** Human resource management, Social media, Social networking sites, Social media information, Hiring professionals, Job candidates

**Paper type** Literature review

## 1. Introduction

Because of recent faster changes in information technology, a rapid evolution has taken place in human resource management (HRM) practices. However, particularly since 2005, a new form of information sharing networks popularly known as social media (SM) has been

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influencing the functions of HR professionals to a greater extent than before. Social media such as Facebook, LinkedIn, Twitter, Google+ and Xing have millions of users and the number is increasing at a good pace every year. A social networking site (SNS) is a special type of online social platform where the users can interact with each other through posting pictures, videos and comments, like and dislike; and share the contents. Although SM and SNS are being used interchangeably for one another by many authors, they have different particular meanings. SM is powered by web 2.0 that allows individual interactions with the aid of technological devices such as desktop, laptop and mobile phone indicating that SNSs, social shopping, social marketing, social gaming and social location tracking all are the components of SM (Haag, and Cummings, 2013). On the contrary, SNSs are the platforms through which people can create accounts, search and add new friends and share information contents (Haag and Cummings, 2013). The first SNS was introduced in 1997 known as [Sixdegrees.com](#) allowing the users to have an online personal profile and a record of acquaintances (Boyd, and Ellison, 2008).

A high level of activities by the individuals and organizations in SNSs is creating countless amount of information every day. Organizations are now using that information for serving their own purposes as resources. High availability, larger visibility, free of cost accessibility have made such information as the center of attraction not for only individuals but also a number of profit and non-profit organizations to discover. As an example, LinkedIn, a job-oriented SNS records all the professional information about a user, which can be viewed and used by the hiring professionals to attract competent future employees. An interesting fact is that, initially, such SNS information was never imagined to be used in businesses (Kluemper and Rosen, 2009).

The utilization of SNSs was primarily initiated through talent search and recruitment. However, at present, the use has not been limited to only that. Now-a-days, social media information (SMI) is being used by the HR departments for a number of functions such as attracting and acquiring (recruitment) talents, selection and pre-employment background checks, internal communication, training, on-boarding and team-building. The basic aim of this review paper is to critically discuss the role of SM on HRM with the evidence provided by the existing literature on how the organizations can ensure the optimum utilization of such big data for various HRM functions in the light of reviews and integration on the published literature obtainable from 2010 to June, 2020. After such an extensive review, the author has summarized the key research findings that he expects to aid future scholarly investigations and as practical guidelines for the HRM policymakers.

## 2. Literature review

As a result of the current and fast development of social media, scholastic investigations have been keeping a considerable adjustment with the growing organizational utilization of SM. As a result, the readers and practitioners alike are enjoying abundant opportunities to connect them in scholastic exploration contained by a wide choice of areas where SM can be integrated with various HRM practices. New academic attention has indicated across a widespread choice of research disciplines within business as such marketing (Khan *et al.*, 2019; AlAlwan *et al.*, 2017; Ismagilova *et al.*, 2017; Lister, 2017; Dwivedi *et al.*, 2017, 2015; Kapoor *et al.*, 2016; Lee *et al.*, 2015; Goes *et al.*, 2014; Goh *et al.*, 2013; Dou *et al.*, 2013; Labrecque *et al.*, 2013; Luo, and Zhang, 2013; Baek *et al.*, 2012; Chau, and Xu, 2012; Cheung *et al.*, 2012; García-Crespo *et al.*, 2010; Dellarocas *et al.*, 2010), HRM (Hosain *et al.*, 2020; Hosain and Liu, 2020; Becton *et al.*, 2019; Carpentier *et al.*, 2019; Jeske, and Shultz, 2019; Jeske *et al.*, 2019; Suen, 2018; Carpentier *et al.*, 2017; Marie-Cecile, and Pamela, 2017; El-Ouiridi *et al.*, 2016; Hoek *et al.*, 2016; Drake *et al.*, 2016; Van-Iddekinge *et al.*, 2016; Black *et al.*, 2015;

Lu *et al.*, 2015; Jeske, and Shultz, 2015; Stoughton *et al.*, 2015; Berkelaar, 2014; Nikolaou, 2014; Zide *et al.*, 2014; Hauptmann, and Steger, 2013; Klumper *et al.*, 2012; Brown, and Vaughn, 2011; Madia, 2011; Clark, and Roberts, 2010), business strategy (Barrett *et al.*, 2016; Cao *et al.*, 2015; Dong, and Wu, 2015; Karoui *et al.*, 2015), organizational psychology (Chen, and Sharma, 2015; McFarland and Ployhart, 2015; Butler, and Wang, 2012) and general business policies (Baur, 2017; Benthaus *et al.*, 2016; Dennis *et al.*, 2016; Bharati *et al.*, 2014). Although the majority of the existing research have focused particularly on the role of SNSs on hiring decisions such as recruitment and selection and background checking of the prospective employees (Klumper, 2013), this review paper will concentrate on the impact of social media on complete human resource management.

For a number of years, organizations have depended on the job sites such as [Careerbuilder.com](#) for recruiting employees, drawing the attraction of jobseekers out of around 100 other career sources. As per Nessler (2014), [Careerbuilder.com](#) has been able to effectively condense the expenditure for each hire by 70% as a result of reduced traveling expenses and by 60% time required by the recruiters in the employment process. Electronic recruitment can be defined as the adoption of web while recruiting job candidates (Melanthiou *et al.*, 2015). With further development, recently, organizations have been attracted to use social media for different business purposes such as branding, recruitment & selection selection and background checking. As a result, many organizations now-a-days operate their organizational SM profile pages (such as Facebook and LinkedIn) for hiring job candidates (Melanthiou *et al.*, 2015). For an instance, many organizations at present create and operate own organizational Facebook and LinkedIn profiles (pages) and using such SM pages as the means of advertisement tools in attracting and getting talents (Hosain and Liu, 2020; Andrews, 2012). Furthermore, there is a sharp enhancement in using SM by HR professionals or recruiters with the anticipation of finding “detailed and complicated job candidate information,” and to evaluate and pick the best-matched job candidates (Brown and Vaughn, 2011). As per Facebook authority, it is going to introduce a novel attribute, which is expected to support organizations in directing their job advertisements (Take the Work out of Hiring, 2017). Additionally, as per the authorized Facebook webpage, job postings now can be linked to “Facebook Business Page” where the jobseekers can find and view the obtainable jobs with the help of “jobs bookmarks” on Facebook (Job posting on Facebook, n.d.). SM, therefore, is serving as a guide to promote followers (job seekers) toward organizational corporate websites where they are able to discover recent job postings (Spellmann, 2018). Therefore, with such a considerable number of account holders, hiring employees through SM provides the organizations a good scope of choices.

Prior studies termed Facebook and LinkedIn as the two most well-accepted social SM as the sources of hiring information (Melanthiou *et al.*, 2015). As per the investigation conducted by society of human resource management (SHRM) on 541 hiring professionals, 95% reported that they use LinkedIn as a hiring site whereas 58% revealed that they use Facebook and 42% of them reported to use Twitter (Zide *et al.*, 2014). An inquiry intended to HR professionals in identifying the sort of technology they were using in their respective departments with relevant justification, concluded that technology such as web-based SM was becoming more prevalent in North America to hire job candidates particularly for medium-level positions (Villeda and McCamey, 2019). In addition, even though the interviewees revealed a higher number of job candidates, the superiority was possibly to continue to be unaffected or yet getting worse. However, such a utilization of SM for employment purposes differs in different regions or countries based on the accessibility to internet connection (and speed), as well as the use or reputation of different SNSs. As an example, 89% of the US people can access to the internet, 91% in Canada, 71% in the UK,

67% in Mexico, 39% in Kenya and 25% in India (Pew Research Center, 2018). Furthermore, as per same organization (Pew Research Center, 2018), people of more affluent countries such as US, The Netherlands, Germany, Sweden, Australia and Canada can enjoy a superior use of internet as opposed to the developing countries such as India, Tanzania, Indonesia, Bangladesh and Kenya. Therefore, based on such factors, the utilization of SM also varies in different countries, such as the US (69%), Canada (68%) and Russia (66%) have a superior rate of SM utilization as opposed to India (20%), Kenya (30%) and Indonesia (26%) (Pew Research Center, 2018). Nevertheless, during the latest years, the developing nations are also experiencing a swift augment in the utilization of the internet and SM. As, for example, such an utilization rose from 42% in 2013 to 64% in 2018 (regarding internet usage) and 34% from 2013 to 53% in 2018 (regarding SM usage) (Pew Research Center, 2018). Considering those statistical data regarding the utilization of SM/SNSs for employment purposes, it can be well-assumed that such utilization will show further upward trend in both in developed and developing countries alike.

There are a number of motives behind such increased utilization of SM for hiring practices. Among such motives, the first one is the cost and time saving benefit. Studies indicate that utilization of SNSs can lessen the expenses and time required for employment decisions through superior competence rates (Petre *et al.*, 2016; Rosoiu and Popescu, 2016; Vidros *et al.*, 2016). For an instance, introducing a job advert on the SM platform is almost free and such advertisement information can be modified if necessary or any error is noticed. On the contrary, an organization publishing a job advert in a newspaper or buying a web domain has to spend money. SM-based recruitment further permits the recruiters to have a considerable decrease in manual paper-based works that is environment friendly. On the other hand, such an SM advert removes or reduces the application costs for the jobseekers to a considerable extent (Petre *et al.*, 2016). Second, SM can offer several hidden valuable information obtainable for the recruiters that may not be otherwise accessible somewhere else such as personality, behavioral prototype, hobbies, interests and types of friend networks (Hosain and Liu, 2020). In addition to those benefits mentioned, the hiring professionals can cross-examine any information that was previously supplied. Third, HR professionals often maintain business-oriented SNSs (such as LinkedIn) that provide plentiful information regarding inactive job candidates (Wolk, 2004). Those passive job seekers (not actively searching jobs but looking for better opportunities) are predominantly lucrative for any organization, as they usually hold an unemployed collection of competencies having not connected to job placement agencies or other hiring organizations (Hosain and Liu, 2020). A major portion of such candidates are thought as a particularly steady workforce (DeKay, 2009). He (DeKay, 2009) indicated that mass volume of LinkedIn profile holders generally look for having an opportunity to be contacted by recruiters for new job opportunities. The majority of LinkedIn profiles contain a comprehensive picture of current and previous work history, areas of skills and expertise; and links to networks accessible by previous supervisors and colleagues (Hosain and Liu, 2020). Fourth, many of the hiring professionals emphasize that they have firm accountability, being the organizational representatives and an important element of stakeholders to sustain the reputation of their organizations. Such an obligation is to avoid negligent hiring for they can be accused in the future. Hence, they should gain as much information as possible regarding the job candidate. Using the SM platform helps them to study as much information as they collect concerning possible future workforce. Furthermore, as they argue, they have their own right and a requirement in defending themselves from the accusations of neglectful hiring practices. Such an allegation might happen if they are “unsuccessful in revealing the applicants” “incompetencies or ineffectiveness” through a meticulous investigation of

references, criminal background investigation or even common history (Clark and Roberts, 2010). Finally, such SM information can help the recruiters to have a likely match between person-job and/or person-organization. Many employers use SM information as a mean to assess applicants' behavior trends or distinctiveness (Stoughton *et al.*, 2015), as similar information offer comparatively obvious and truthful individual personality traits like the contents posted on applicants' SNSs by their acquaintances, as opposed to the information on traditional curriculum vitae or/resumes, that is anticipated to calculate a specific notion or favorite image (Slovensky and Ross, 2012). Kluemper *et al.* (2012) carried out a couple of investigations on Facebook recognized that evaluating a job applicant's SNS page may as well provide practical information to predict the candidate's personality for an employment decision. Furthermore, SM information can be used to develop targeted job interview questions (Davison *et al.*, 2011) and conversations and to construct acquaintances during interviews (Smith and Kidder, 2010).

Although having a great possibility to be used as an applicant screening platform, such utilization is not free of debate and confusion. Despite of having some obvious advantages, utilization of SMI for hiring is not free of risks or limitations whatever might be the word. Such practice carries some severe risks that can make an organization liable to the court if used improperly. Due to such limitations, some authors recommend not to use or use the SMI to a limited extent possible. First of all, many users and researchers alike argue that SNSs are not meant to be used for any official or organization-related issue. Those sites are purely created and meant for personal and social communication with some exceptions such as LinkedIn that was purely developed for professionals and job seekers. As a result, utilization of SM or SMI for the hiring process has become a matter of debate on the basis of ethical issues. A survey in the US discovered that one of the most common reasons for not short-listing or rejecting a job candidate was his/her "lifestyle" rather than employment-related information (Broughton *et al.*, 2013). Yet again, 53% of recruiters surveyed in the UK reported that they found SM content that influenced them not to hire a job candidate such as "provocative or inappropriate" photographs or information (CareerBuilder, 2016). One of the frequently cited ethical arguments against the use of SM profiles as part selection and screening process is that such search can allow for "unchecked" discrimination toward a candidate (Yarbrough, 2018). Clark and Roberts (2010) branded using SNSs for hiring as a socially irresponsible practice based on individual privacy breaches and violation of corporate social responsibilities of organizations. According to Lorenz and Kikkas (2014), several hiring are managers also facing ethical dilemmas regarding the decision of background search of candidates based on SM. However, it should be noted that such an ethical concern is almost absent or very unnoticeable for job-related SNS such as LinkedIn as the site is primarily intended for job search and sharing professional information where all the information are publicly available and nothing to hide on a personal basis. The concern is mainly regarding those SNSs that are regarded as the personal SNSs such as Facebook and Twitter. Therefore, as the issue of searching an applicant's SNS for hiring purposes is still in infancy but a growing practice, the employers need to make a proper balance between its advantages and ethical considerations.

Second, the utilization of SMI for hiring is giving birth to growing legal and privacy concerns as well. Every year, there is growing awareness and negative consequences regarding the utilization of freehand SM surfing for personal information. Such legal concern has forced to decide some employers not to search SNS for candidates' information. As an example, a survey conducted by SHRM in 2013 reported that the percentage of screening personal SNSs such as Facebook or Instagram to explore job candidates is 22%, a decline from 34% in 2008. The same survey attempted to identify the reasons for such

decline where 74% of employers were reported to be concerned with legal risks or discovering information regarding protected characteristics at the time of perusing candidates' profiles, which can be a justifiable concern (Segal, 2014). One of the legal concerns might be the correctness of information obtained from SNS. An applicant employed on the basis of false or wrong information extracted from SM platforms can raise a lawful problem, arguing "defamation of character" (Broughton *et al.*, 2013). Another issue might be legal privacy right, which is most probably to be founded on the "job-relevance of the information obtained" (Broughton *et al.*, 2013). Additionally, organizations must respect their (job candidates') personal likeness and attitudes to the "real or perceived invasion of privacy" (Broughton *et al.*, 2013). Moreover, additional lawful issues might contain potential favoritism at the time of using candidates' SMI. A single information concerning gender, race, age, faith or physical and/or mental disability obtained from SNSs and used as a condition of employing or not employing is branded as unlawful (Melanthiou *et al.*, 2015). According to Broughton *et al.* (2013), if the recruiters try to obtain "too much" regarding candidates, they (recruiters) may use such information as the ground of personal favoritism and discrimination.

Finally, the most fatal risk that the hiring professionals typically undertake while searching and evaluating SMI is obtaining imprecise, forged or partial information (Slovensky, and Ross, 2012; Dennis, 2011; Elzweig, and Peebles, 2009). Information (contents) posted on SNS profiles may not be correct for a variety of causes. For instance, a profile might be fallacious or formed to reveal the profile holder show superior or inferior to the eyes of intended audience than he/she actually is depending on the objective (Johnson, 2011). To express in other words, persons may attempt to "fake good" or "fake bad" on their SNS profiles based on whom (target audience) they anticipate to showcase their information (Davison *et al.*, 2011). Former research studies have established that the communal custom of most SNSs is to highlight overstatement and eccentric actions while posted by job candidates might reveal such standards (Davison *et al.*, 2011). SMI might as well be obsolete and can symbolize what applicants were similar to in diverse stages of their lives and might or might not symbolize what they actually like today (Davison *et al.*, 2011). Therefore, the information that required today might be misleading for the employers who want to rely on such information for pre-employment background check (PBC). Depending excessively on the information obtained from SNSs might result in unfair inferences due to the possibility of intentional or unintentional inaccuracy (Waring and Buchanan, 2010). The usability of such information will be legally and ethically questionable and might require more study to conduct (Davison *et al.*, 2011).

### 3. Research method and materials

The author used VOSviewer software for making a bibliometric mapping to search published papers based on citation, co-citation, bibliometric coupling, frequently used keywords and co-authorship networks. To find the relevant papers, the author used the database of Web of Science (WoS). The reason for choosing only WoS database for this review paper is that it is the proper and authentic source of published papers with reliable impact factors. Papers published focusing on the role or impact of social media or SNSs on various HRM practices were a matter of interest. The author included particularly the papers published from 2010 to June, 2020.

Following the preliminary exploration with the similar or related keywords, 211 papers were identified. It should be noted that the author considered only published papers (online and print both) for this review article (not conference papers, books, book chapters or published thesis). After removing those papers published before 2010 and after June, 2020 or

not relevant to the searching interest, the number of papers finally stood to 87 (Figure 1). After that, the author went through the title, abstracts and keywords.

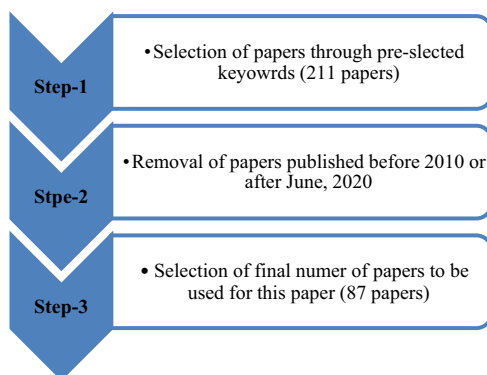
In the subsequent step, bibliometric data were downloaded from the WoS database and analyzed using MS Excel and VOSviewer software. Particularly, a universal overview of the bibliographic information was analyzed using MS Excel and visualizing leading networks and clusters were formed by VOSviewer software (Rahman *et al.*, 2020; Paltrinieri *et al.*, 2019; Fellnhofer, 2019). Because of the scaling and algorithm techniques engaged in these tools, VOSviewer has been acknowledged as a more powerful tool compared to others for bibliometric analysis of publications and literature (Waltman and van Eck, 2013). VOSviewer powerfully identifies the associated publications based on reference cited in two documents provided that interconnected reference cited in two publications is considered as a common school of thought and positioned closely on the visual map (van Eck and Waltman, 2014). Therefore, publications not linked to the social media and HRM practices were discarded during mapping analysis. Finally, after deducting the irrelevant papers manually, the process yielded 87 published papers and was grouped into 4 clusters with the default setting in VOSviewer (Tables 1 to 4).

As noted earlier, after filtering, the author went through the abstracts and keywords. After that, he summarized the contents based on abstracts. However, due to the high volume of papers, only the paper titles, journals names with volume and issue number have been highlighted in the following Tables 1-4. The papers have been presented based on the role of SM on different HRM practices and according to the most recent year first.

It is evident that, according to the contents and keywords provided, most of those published papers concentrated their focus on the recruitment and selection segment of HRM only while other HRM practices have not got the adequate attention of the researchers. Further, most of the published papers are based on the Western scenario.

#### 4. Findings in brief

After reviewing all the 87 papers, the author made an attempt to elicit the major findings that are highlighted in this section.



Source: Author's elaboration

Figure 1.  
Selection process of  
papers

Paper title	Author(s) and year of publication	Journal name with volume and issue
The impact of social media recruitment on job candidates' perceptions: evidence from Bangladeshi fresh graduates	Hosain and Liu (2020)	<i>Postmodern Openings</i> , 11(1)
Social media recruitment: the role of credibility and satisfaction	Muduli and Trivedi (2020)	<i>Evidence-based HRM</i> , 8(2)
Social media recruitment: communication characteristics and gratifications	Carpentier <i>et al.</i> (2019)	<i>Frontiers in Psychology</i> , 10(7)
Social media screening and content effects: implications for job applicant reactions	Jeske and Shultz (2019)	<i>International Journal of Manpower</i> , 40(1)
Predicting self-disclosure in recruitment in the context of social media screening	Jeske <i>et al.</i> (2019)	<i>Employee Responsibilities and Rights Journal</i> , 31
LinkedIn as a new selection method: psychometric properties and assessment approach	Roulin and Levashina (2018)	<i>Personnel Psychology</i> , 72(2)
Use of social networking sites for recruiting and selecting in the hiring process	Villeda and McCamey (2019)	<i>International Business Research</i> , 12(3)
Digital "women's work?": job recruitment ads and the feminization of social media employment	Duffy and Schwartz (2018)	<i>New Media and Society</i> , 20(8)
Understanding the recruitment and selection processes of management accountants: an explorative study	Lepistö and Ihanntola (2018)	<i>Qualitative Research in Accounting and Management</i> , 15(1)
Marketing video-enabled social media as part of your e-recruitment strategy: stop trying to be trendy	Esch and Mentel (2018)	<i>Journal of Retailing and Consumer Services</i> , 44
Social media recruitment 3.0: toward a new paradigm of strategic recruitment communication	Aggerholm and Andersen (2018)	<i>Journal of Communication Management</i> , 22(2)
A multi-model recruitment strategy using social media and internet-mediated methods to recruit a multidisciplinary, international sample of clinicians to an online research study	McRobert <i>et al.</i> (2018)	<i>PLoS ONE</i> 13(7)
How passive job candidates respond to social networking site screening	Suen (2018)	<i>Computers in Human Behavior</i> , 85
The impact of social media on recruitment: are you LinkedIn?	Koch <i>et al.</i> (2018)	<i>SA Journal of Human Resource Management</i> , 16(1)
The role of the internet and social networks in the recruitment and selection process	Agneš <i>et al.</i> (2017)	<i>Strategic Management</i> , 22(3)
Getting a job via career-oriented social networking markets	Buettner (2017)	<i>Electron Markets</i> , 27
Applicant perspectives during selection: a review addressing so What? "What is new?" and "where to next?"	McCarthy <i>et al.</i> (2017)	<i>Journal of Management</i> , 43
Interpersonal perception of LinkedIn profiles and employability	Ramon <i>et al.</i> (2017)	<i>Aloma: Journal of Psychology, Educational Sciences and Sports</i> , 35(2)
Facebook profile picture appearance affects recruiters' first hiring decisions	Baert (2017)	<i>New Media and Society</i> , 20(3)

(continued)

**Table 1.**  
The role of SM/SNSs on recruitment and selection: 52 papers

Paper title	Author(s) and year of publication	Journal name with volume and issue
Using social media as a research recruitment tool: ethical issues and recommendations	Gelinas <i>et al.</i> (2017)	<i>The American Journal of Bioethics</i> , 17 (3)
Technology adoption in employee recruitment: the case of social media in Central and Eastern Europe	El-Ouirdi <i>et al.</i> (2016)	<i>Computers in Human Behavior</i> , 57
Facebook, Twitter and Qr codes: an exploratory trial examining the feasibility of social media mechanisms for sample recruitment	Gu <i>et al.</i> (2016)	<i>Computers in Human Behavior</i> , 60
Online and social media recruitment: hospitality employer and prospective employee considerations	Ladkin and Buhalis (2016)	<i>International Journal of Contemporary Hospitality Management</i> , 28(2)
Publishing personal information online: how employers' access, observe and use social networking sites within selection procedures	Hoek <i>et al.</i> (2016)	<i>Personnel Review</i> , 45(1)
Applicant reactions to social network web use in personnel selection and assessment	Aguado <i>et al.</i> (2016)	<i>Journal of Work and Organizational Psychology</i> , 32(3)
Social media for selection? Validity and adverse impact potential of a Facebook-based assessment	Van-Iddekinge <i>et al.</i> (2016)	<i>Journal of Management</i> , 42(7)
Social media in employee-selection-related decisions: a research agenda for uncharted territory	Roth <i>et al.</i> (2013)	<i>Journal of Management</i> , 42(1)
The influence of social media on recruitment and selection process in SMEs	Yaseen and Yussef (2016)	<i>Journal of Small Business and Entrepreneurship Development</i> , 4(2)
Social influence and technology acceptance: the use of personal social media as a career enhancement tool among college students	Aluri and Tucker (2015)	<i>Journal of Hospitality and Tourism Education</i> , 27(2)
Social media usage in hotel human resources: recruitment, hiring and communication	Gibbs <i>et al.</i> (2015)	<i>International Journal of Contemporary Hospitality Management</i> , 27(2)
The use of social network sites as an e-recruitment tool	Melanthiou <i>et al.</i> (2015)	<i>Journal of Transnational Management</i> , 20(1)
Predictors of job seekers' self-disclosure on social media	El-Ouirdi <i>et al.</i> (2015)	<i>Computers in Human Behavior</i> , 53
Using social media content for screening in recruitment and selection: pros and cons	Jeske and Shultz (2015)	<i>Work, Employment and Society</i> , 30(3)
Social media and internet driven study recruitment: evaluating a new model for promoting collaborator engagement and participation	Khatri <i>et al.</i> (2015)	<i>PLoS ONE</i> 10(3)
Examining applicant reactions to the use of social networking websites in pre-employment screening	Stoughton <i>et al.</i> (2015)	<i>Journal of Business and Psychology</i> , 31
Self-presentation and hiring recommendations in online communities: Lessons from LinkedIn	Chiang and Suen (2015)	<i>Computers in Human Behavior</i> , 48

(continued)

Table 1.

Paper title	Author(s) and year of publication	Journal name with volume and issue
Cybervetting, online information and personnel selection: new transparency expectations and the emergence of a digital social contract	Berkelaar (2014)	<i>Management Communication Quarterly</i> , 28(4)
Leveraging social media to enhance recruitment effectiveness: a Facebook experiment	Carrilat <i>et al.</i> (2014)	<i>Internet Research</i> , 24(4)
Social media recruitment and online data collection: a beginner's guide and best practices for accessing low-prevalence and hard-to-reach populations	King <i>et al.</i> (2014)	<i>Canadian Psychology/Psychologie Canadienne</i> , 55(4)
LinkedIn and recruitment: how profiles differ across occupations	Zide <i>et al.</i> (2014)	<i>Employee Relations</i> , 36(5)
Information from social networking sites: Context collapse and ambiguity in hiring process	Pike <i>et al.</i> (2014)	<i>Information Systems Journal</i> , 28
Social networking web sites in job search and employee recruitment	Nikolaou (2014)	<i>International Journal of Selection and Assessment</i> , 22(2)
Social networking sites and hiring: How social media profiles influence hiring decisions	Sameen and Cornelius (2013)	<i>Journal of Business Studies Quarterly</i> , 7(1)
Social networking websites in personnel selection: a signaling perspective on recruiters' and applicants' perceptions	Roulin and Bangerter (2013)	<i>Personnel Psychology</i> , 12(3)
Social media in employee selection-related decisions: a research agenda for uncharted territory	Roth <i>et al.</i> (2013)	<i>Journal of Management</i> , 20(10)
Online social networks: an emergent recruiter tool for attracting and screening	Ollington <i>et al.</i> (2013)	<i>Personnel Review</i> , 42(3)
Should human resource managers use social media to screen of job applicants: managerial and legal issues in the USA	Slovensky and Ross (2012)	<i>Info</i> , 14(1)
Using social networking sites as a selection tool: the role of selection process fairness and job pursuit intentions	Madera (2012)	<i>International Journal of Hospitality Management</i> , 31(4)
The writing on the (Facebook) wall: the use of social networking sites in hiring decisions	Brown and Vaughn (2011)	<i>Journal of Business Psychology</i> , 26
Legal implications of employee social media use	Dennis (2011)	<i>Massachusetts Law Review</i> , 93(4)
Best practices for using social media as a recruitment strategy	Madia (2011)	<i>Strategic HR Review</i> , 10(6)
LinkedIn and Facebook in Belgium: the influences and biases of social network sites in recruitment and selection procedures	Caers and Castelyns (2010)	<i>Social Science Computer Review</i> , 29(4)

**Table 1.**

**Source:** Literature survey

#### 4.1 Job-oriented and social/communicative social networking sites

SNSs are divided into two categories. The first one is professional (such as LinkedIn) while the other ones are purely social and communicative (Hosain, and Liu, 2020; Muduli, and Trivedi, 2020; Jeske *et al.*, 2019; Villeda, and McCamey, 2019; Koch *et al.*, 2018; Gelinis *et al.*,

**Table 2.**  
The role of SM/SNSs  
on pre-selection  
screening and  
background check: 6  
papers

Paper title	Author(s) and year of publication	Journal name with volume and issue
Social networking information and pre-employment background checks: the mediating role of sustainable organizational reputation	Hosain <i>et al.</i> (2020)	<i>Sustainability</i> , 12(8)
Job applicants' information privacy protection responses: using social media for candidate screening	Drake <i>et al.</i> (2016)	<i>Transactions in Human Computer Interactions</i> , 8(4)
Perceptions of employees on information checks by employers using social networking sites in IT sector	Tripathy and Kaur (2012)	<i>Management and Labor Studies</i> 37(4)
Candidate screening, information technology and the law: social media considerations	Willey <i>et al.</i> (2012)	<i>Issues in Information Systems</i> , 13(1)
Social networking websites, personality ratings and the organizational context: more than meets the eye?	Kluemper <i>et al.</i> (2012)	<i>Journal of Applied Social Psychology</i> , 42(5)
The influence of social networking web sites on the evaluation of job candidates	Bohnert and Ross (2010)	<i>Cyberpsychology, Behavior and Social Networking</i> , 13(3)

Source: Literature survey

Paper title	Author(s) and year of publication	Journal name with volume and issue
Attracting applicants through the organization's social media page: signaling employer brand personality	Carpentier <i>et al.</i> (2019)	<i>Journal of Vocational Behavior</i> , 115
Extending the boundaries of corporate branding: an exploratory study of the influence of brand familiarity in recruitment practices through social media by B2B firms	Kumar and Möller (2018)	<i>Corporate Reputation Review</i> , 21
Employer branding on social media and recruitment websites: symbolic traits of an ideal employer	Ludvik <i>et al.</i> (2018)	<i>E + M Ökonomie a Management</i> , 21(1)
Recruiting nurses through social media: effects on employer brand and attractiveness	Carpentier <i>et al.</i> (2017)	<i>Journal of Advanced Nursing</i> , 73(11)
Employer attractiveness through social media: a phenomenological study	Priyadarshini <i>et al.</i> (2017)	<i>The Qualitative Report</i> , 22(4)
Employer brand scale development and validation: a second-order factor approach	Tanwar, and Prasad (2017)	<i>Personnel Review</i> , 46(2)
Using social media to communicate employer brand identity: the impact on corporate image and employer attractiveness	Kissel and Büttgen (2015)	<i>Journal of Brand Management</i> , 22
Employer brand and job application decisions: insights from the best employers	Saini <i>et al.</i> (2015)	<i>Management and Labor Studies</i> , 40(1–2)
Employer branding: strategy for improving employer attractiveness	Leekha and Sharma (2014)	<i>International Journal of Organizational Analysis</i> , 22(1)
Employer branding: employer attractiveness and the use of social media	Sivertzen <i>et al.</i> (2013)	<i>Journal of Product and Brand Management</i> , 22(7)

Source: Literature survey

**Table 3.**  
The role of SM/SNSs  
on employer  
branding: 10 papers

Paper title	Author(s) and year of publication	Journal name with volume and issue
Is what you see what you get? Investigating the relationship between social media content and counterproductive work behaviors, alcohol consumption and episodic heavy drinking	Becton <i>et al.</i> (2019)	<i>The International Journal of Human Resource Management</i> , 30(15)
Social media, open innovation and HRM: implications for performance	de Zubielqui <i>et al.</i> (2017)	<i>Technological Forecasting and Social Change</i> , 144
When employees do not “like” their employers on social media	Marie-Cecile and Pamela (2017)	<i>MIT Sloan Management Review</i> , 58(2)
Enterprise social networks: a literature review and research agenda	Wehner <i>et al.</i> (2017)	<i>Computer Networks</i> , 114
Storying the digital professional: how online screening shifts the primary site and authorship of workers’ career stories	Berkelaar <i>et al.</i> (2016)	<i>Journal of Applied Communication Research</i> , 44(3)
Use of social media at work: a new form of employee voice?	Holland <i>et al.</i> (2016)	<i>International Journal of Human Resource Management</i> , 27(21)
Enterprise social media at work: web-based solutions for employee engagement	Sharma and Bhatnagar (2016)	<i>Human Resource Management International Digest</i> , 24(7)
Use of social networking websites on applicants’ privacy	Black <i>et al.</i> (2015)	<i>Employment Responsibilities and Rights Journals</i> , 27
Social networking, management responsibilities and employee rights: the evolving role of social networking in employment decisions	Thomas <i>et al.</i> (2015)	<i>Employment Responsibilities and Rights Journals</i> , 27
Who is responsible for what? Examining strategic roles in social media management	Neill and Moody (2015)	<i>Public Relations Review</i> , 41
Who has Googled whom? Trainees’ internet and online social networking experiences, behaviors and attitudes with clients and supervisors	Penelope and Ashwini (2014)	<i>Training and Education in Professional Psychology</i> , 8(2)
Social networking and HRD	Roberts and Sambrook (2014)	<i>Human Resource Development International</i> , 17(5)
A brave new (digital) world? Effects of in-house social media on HRM	Hauptmann and Steger (2013)	<i>German Journal of Human Resource Management</i> , 27(1)
HRD practices and talent management in the companies with the employer brand	Kucherov and Zavyalova (2012)	<i>European Journal of Training and Development</i> , 36(1)
Friend or foe? The promise and pitfalls of using social networking sites for HR decisions	Davison <i>et al.</i> (2011)	<i>Journal of Business Psychology</i> , 26
Social media in the workplace-proactive protections for employers	Lieber (2011)	<i>Employment Relations Today</i> , 38(3)
Online social networking and trade union membership: what the Facebook phenomenon truly means for labor organizations	Bryson <i>et al.</i> (2010)	<i>Labor History</i> , 51(1)
Employer’s use of social networking sites: a socially irresponsible practice	Clark and Roberts (2010)	<i>Journal of Business Ethics</i> , 95
You have been tagged! (then again, maybe not): employers and Facebook	Smith and Kidder (2010)	<i>Business Horizons</i> , 53

**Table 4.**  
The role of SM/SNSs on other HRM practices: 19 papers

**Source:** Literature survey

2017; Roth *et al.*, 2013; Slovensky, and Ross, 2012; Dennis, 2011). While the first one was developed and meant as the platform for professionals, employers and job seekers, the second category was meant to communicate among the online friends where the users post personal and social contents.

#### *4.2 Utilization of social media/social networking sites for talent search, recruitment and selection*

So far, the utilization of SM/SNSs is mostly limited to talent search, recruitment and selection (Hosain, and Liu, 2020; Villeda, and McCamey, 2019; Suen, 2018; Agneš *et al.*, 2017; Melanthiou *et al.*, 2015; Jeske and Shultz, 2019; Zide *et al.*, 2014; Slovensky, and Ross, 2012; Brown, and Vaughn, 2011).

#### *4.3 Social media/social networking sites for employer branding*

According to numerous research studies, SM/SNSs can help employers in boosting up their brand and reputation (Carpentier *et al.*, 2019; Priyadarshini *et al.*, 2017; Kissel, and Büttgen, 2015; Sivertzen *et al.*, 2013). Such branding is possible taking the advantages of both professional and non-professional SNSs depending on the popularity.

#### *4.4 Legal and ethical concerns in using social media information for hiring decisions*

A large number of users of SM/SNSs are concerned about the use of their SMI for hiring decisions. Such concerns are particularly concentrated around the ethics and privacy issues (Marie-Cecile and Pamela, 2017; Black *et al.*, 2015; Thomas *et al.*, 2015; Clark, and Roberts, 2010). On the other hand, many hiring managers are particularly concerned about the legal issues in using such SNSs information (Dennis, 2011).

#### *4.5 Collection of job-related and behavioral information*

The employers can accumulate some job-related (Roulin, and Levashina, 2018; Koch *et al.*, 2018; Priyadarshini *et al.*, 2017; Chiang, and Suen, 2015; Zide *et al.*, 2014; Caers, and Castelyns, 2010) and behavioral information (Jeske and Shultz, 2019; Jeske *et al.*, 2019; Baert, 2017; Sameen and Cornelius, 2013; Kluemper *et al.*, 2012; Willey *et al.*, 2012) from different SNSs. Such information can help them to determine job-fit and organization-fit.

#### *4.6 Using social media information is a growing practice*

Finally, according to the statistical data and research evidence, despite some criticisms and concerns, the utilization of SMI for various HR practices is a growing practice in many parts of the world.

### **5. Theoretical and practical implications**

SM has been able to gain a swift notice from the academic scholars and researchers although we observe a strong lack of evidences (both theoretical and empirical) on how to, when to and which information to use for various HRM-related activities. This extensive review of previous literature has summarized and highlighted the findings of those studies briefly. The author is optimistic that this review paper will aid the academicians to make additional investigation regarding this comparatively recent but growing area more deeply and with wider scope. Therefore, this extensive review can bridge the gap of adequate research absence to some extent, as this part of organizational management desires additional concentration and outcome to be documented within the academic scope.

This review paper is expected to be supportive to the hiring organizations and decision-makers to formulate and execute their organizational HRM policies in using SMI. Social media is an accepted platform that may be used to save valuable time and financial resources on the condition that it is being used with utmost care having appropriate guiding procedures to evade further complicacies. Most importantly, this review paper may act as an essential guidance in crafting and executing an appropriate social media policy to make sensible and competent exploitation of SMI for different HRM practices.

## 6. Conclusion

Being the foreseeable component of technical improvement and expansion none can disregard social media or SNSs as part of our routine and/or strategic organizational functions. However, early security measures must be taken whilst using such a network maintaining uniformity with existing local and international legal guidelines and conventions. Additionally, the involved parties in this issue of interest, employers and employees (including job candidates) ought to respect one another regarding the terms of privacy, equality & morals (for employers) and managerial policies & regulations (for employees). Utilization of SMI can merely be successful and competent provided that together the employers and employees are well-concerned of the fundamental lawful and ethical basics regarding the latest utilizations in fulfilling organizational and business objectives.

It is understandable that social media being extensively used in different HRM practices particularly for talent search and acquisition and such practices are expected to rise as an aiding instrument for different organizations in the forthcoming years. Nevertheless, using SMI exclusively in place of the conventional methods can be challenging. Furthermore, using SM as an instrument for HRM functions may lead to legal problems as well. Likewise, SNSs well include many non-work-related (private or social contents) components that can create biased decision-making, particularly in recruitment and selection decisions. Finally, the author argues using such platform as an assisting tool for HRM practices is a rapidly burgeoning practice, although the utilization of SM on HRM is severely an under-researched area. The author hopes this elaborate review will put the base for potential theoretical and empirical research investigations concerning this particular issue.

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