

## Social Media: As an Innovation Catalyst to Educational Atmosphere in the United Arab Emirates

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### Abstract

*Social Media instruments was recognized by numerous writers as an innovation catalyst of progress for instructing and learning rehearses, as far as accessibility, intuitiveness and amiability. In light of its accessibility which is promptly available through web connection, it is recently sensationalize in mostly all association nowadays. The wonder of social media gets to likewise happened in the UAE educational atmosphere. It is progressively noticeable in higher education environment as educators anticipate innovation to intercede and improve their guideline and also advance dynamic learning for students. In light of this paradox, this paper investigates the use of social media in education setting and examines the effect into instructing learning movement. The outcomes demonstrate that social media adaptation is yet moderately restrained and barred and that scholastics slightly preferred to coordinate these gadgets into their practices for a few rationales like, social refusal, instructional concern, or corporate pressure. Generally speaking, the outcome reiterates the doubtful state of mind towards the advantages and difficulties of social media with regards to advanced education with impediments dominantly over benefits.*

**Keywords:** Innovation catalyst, Education, Social media.

**JEL Codes:**G39, H83, M41, M42

### 1. Introduction

The Internet interaction and social media is no more a propelled innovation available to a chosen few. In UAE, it is now turned into a pervasive apparatus for individuals extending from expert developers to mellow surfers and youthful kids. This progression, the quick improvement of cell phones, applications, and tablet registering is reforming the idea of associating and in addition versatile figuring and education. Diagramming mathematical problems, making and giving notes, online distribution, and utilizing area mindful advances are among the couple of instructive uses for cell phones that can give various probable chances to the scholarly world (Johnson *et al.*, 2012). The utilization of latest innovation, particularly social media, is turning out to be progressively universal in students' daily lives (Mao, 2014). It is a stage, where students can mutually explore network substance, impart the knowledge and develop a connection for various purposes, e.g., social or instructive (Jiao *et al.*, 2015; Sobaih *et al.*, 2016). The omnipresence of social media is not any more evident than at the college where the innovation is changing the method students convey, work together, and understand (Tess, 2013).

Because of this phenomenon, social media has stressed the consideration of researchers in numerous settings. One of these concern, constrained yet developing exploration, was the utilization of online networking as a learning device in education (Davis *et al.*, 2012; Gupta, 2014) or as versatile learning in academe (Bosch, 2009; Romero, 2015), yet lack of examination was found as to some specific orders (Hajli and Lin, 2014; Liburd and Christensen, 2013).

The imaginative utilizations have created new chances of sharing scholastic encounters, and study practices of the prominent researchers of the world. It gives off an impression of being reshaping the direction and instructional collaborations (Hussain, 2012). With this, the advancing field is getting an expanded examination interest in the UAE. The probable part for social media as innovation catalyst and enhancer of learning merits researching. Nevertheless, the drastically transformed communal and developmental situations don't appear to prompt comparative changes in schools because of numerous components including strict academic networking approaches, equipment accessibility, and the complicated quality of powerful innovation coordination. In light of this paradox, this paper investigates the use of social media in education setting and examines the effect into instructing learning movement.

## 2. United Arab Emirates and its Social Media

UAE is promptly converting itself from an oil-based overall economy to an innovative, knowledge-based economy. As a matter of fact, knowledge-based enterprises as well as services at present structure a better section of the UAE's GDP as compared with petroleum revenues, having produced from 32.1 percent in 2001 to 37.5 percent in 2012 (Bin Byat and Sultan, 2014). Many experts have dealing with remarkable development in every prospective market. Fast-track of economic development lead to the certainly no less prompt distribution of information and communication national infrastructure and technological innovations which has led to the breakthroughs of a different information society in the nation. The internet-based was launched in the UAE probably over the past decade. Its actual principal motive for supporting internet advancement has been to strengthen its resilient position as the technological innovation and business core of the MENA (Sokol and Sisler, 2010). The utilization of the internet interaction and social media is marketable in most organizations including education and learning sector. UAE has essentially the most innovative IT sectors in the community, taking benefits from a quite generous of business atmosphere and high quality of telecommunications and information technology infrastructure. Currently, there are 8.81 million active internet users in UAE that could be approximately at around 96 percent of the human population and more than 68 percent involved in social media. That economic announcement is considerably beyond other countries such as Canada, USA, UK and Germany (GMI, 2016).

Social media is a word that is extensively used to portray any number of mechanical frameworks identified with cooperation and society (Joosten, 2012). While it gives the idea that a particular definition might be subtle (Kaplan and Haenlein, 2010), social media is regularly depicted by illustration. Social networking sites, wikis, multimedia stages, blogs, gaming world, and virtual social universes are among the applications ordinarily incorporated into current outlines (Barnes and Lescault, 2011; McEwan, 2012). Utilized reciprocally with terms, like, social networking or online social networks are electronic administrations that permit netizens to make individual profiles, generate their own contents, and give messages by associating with different netizens in the framework (Boyd and Ellison, 2007). The citizenries have been instantaneous to grasp the majority of social community platforms, with Facebook growing as an obvious preferred comparing to alternative social channels. For example, Snapchat has experiencing a tremendous increase particularly with more audiences that are vibrant. The widespread acceptance of leading dynamic social network platforms varies based on the features/services offered by that websites as compared to other sites are shown in table 1.

**Table 1: Population and growth rate of social network platforms in UAE as per 2016**

SNP Name	Year Created	Created by	% of Active Users	Description/Focus Areas
Facebook	2004	Mark Zuckerberg	4.23 M (46%)	Online social media and social networking service
Twitter	2006	Jack Dorsey	2.67 M (29%)	Mobile social networking site, micro-blogging
Google+	2011	Larry Page and Sergey Brin	2.48 M (27%)	General social networking service
LinkedIn	2002	Reid Hoffman	2.48 M (27%)	Business and professional networking
Instagram	2010	Kevin Systrom and Mike Krieger	2.48 M (27%)	Online mobile photo-sharing, video-sharing, and social networking service
WhatsApp	2009	Brian Acton and Jan Koum	4.32 M (47%)	Instant messaging and social media site
Skype	2003	Priit Kasesalu and Jaan Tallinn	4.23 M (46%)	Vide Conferencing, VoIP and instant messaging
Viber	2010	Viber Media	1.84 M (20%)	Instant messaging client and VoIP
Snapchat	2011	Evan Spiegel, Bobby Murphy and Reggie Brown	1.74 M (19%)	Image messaging and multimedia mobile application

**Source:** UAE Social Media Statistics 2016

### **3. United Arab Emirates and Social Media for Academic Purpose**

Research implies that UAE's allotted a budget to education and learning provides in excess of 20 percent its entire government budget. The country is making investment in improving national ability by restructuring elementary, secondary, and higher education systems and delivering countless opportunities for vocational training programs. It is continuously strengthening the educational technique to guarantee that the systems established in its educational institutions adhere to global norms. This approach has been determined to build sufficient higher education and research facilities focused at diverse sectors (Bin Byat and Sultan, 2014). In UAE, social media is being utilized progressively by college and university students. It is advancing virtual groups and virtual learning environments (VLEs) for propelling appropriation of learning among individuals (Hussain, 2005). The students communicate in their virtual groups uninhibitedly with individuals from the group. They can impart data and analyze encounters, study ventures, and openings for work with each other. Different components contribute towards the utilization of social media for educational purposes. For instance, Armstrong and Franklin (2008) assembled abroad report last 2008. The report demonstrated that students utilized social media as a part of various conduct to improve and fortify their education, through reflection and community oriented exercises in virtual situations. In this current time, it is respected to be the data era where information is very handy for everyone. Today's youth also known as Net-Generation gives off an impression of being abundantly disposed towards having data by utilizing present day innovations. Instructive use of online networking appears to be helpful for all levels of training however college and university students are much insane to utilize it (Davis *et al.*, 2011).

There are advantage and disadvantage in social network (SN) utilization in advanced education atmosphere. Even though, few of Web 2.0 clients are youth, however to embrace the social advances in classroom requires cautious arrangement for some unknown reasons, like for instance, not every computerized local are quick to have such advances for different reasons: differences of encounters, awareness, demeanors and desire of the students towards online innovations (Hamid *et al.*, 2009). In spite of the advantages and disadvantages, few of social network media has surpass their usefulness, from informal media into formal and authorized media, both for open data and correspondence. Numerous colleges and universities seized the chance to make an official Facebook account, furthermore some of sub association in the institution, for instance student's affiliations, libraries, understudy's forum, and so forth. Fan pages makes viral showcasing impact since it can get the enthusiasm from the companions of individuals who are members of the fan page (Reuben, 2009). Numerous students and instructor makes aggressive network utilizing twitter and follow each other's account. It likewise stimulates the netizens to transmit data and give their assessment straightforward to the rest. The utilization of social networking media in advanced education can differ from data media, advertising media, correspondence media, declaration, input, contributing, gripe, testing and errand task (Falahaha and Rosmalab, 2012). In such manner Madge *et al.* (2009) expressed that they prompt to utilize social media to improve instructive access and collaboration. Additionally, social media can fill the educational crevice casually between cyber local students and cyber settler personnel (Bull *et al.*, 2008).

### **4. Potentials and Challenges of Social Media at Educational Atmosphere in UAE**

Social media as portrayed above is two way process and in this manner a social system can encourage education by considering delayed cooperation between the supplier of the instruction and the beneficiary of the training which has the impact of fortifying the data gave before the beneficiary advances. Along these lines, social networking can support "meeting designs" inside a social system to strengthen and bond thoughts inside the learning bunch subscribed whether that is students or individuals from a professional or expert gathering (Zaidieh, 2012). There are several potentials known by previous studies of social media when it comes to education like its advantage for being simple and brisk in term of getting to availability, investigating, upgrading, and altering educational information necessities at whatever time and anyplace. It permits access to courses accessible in their locales, permitting the learner to catch up online whenever it esteems fitting, and defeat the confinements of space and time in the instructive procedure. Furthermore, they can collect data and information and even maximize social media in order to give constant cooperation between students and staff. Another potential is its adaptability which implies foreseeing and reacting to the steadily changing necessities and desires of vocational education and training customers. Adaptability is a standout amongst the most alluring components of web learning in social media (Del Moral *et al.*, 2013).

However, the researchers also stressed several challenges and difficulties confronting the utilization of social networking in education like Privacy. These days, the social networking sites are available for any individual who are interested to join the site. Analysis demonstrated that clients will express intense worries about protection of their own data, yet be not exactly cautious about defending it. Regarding trust, the security of individual data online is progressively essential (Conroy *et al.*, 2014). In line with that, another issue is Integrity, it would be very critical for the educators to know the genuine personality of the individual who's passing an undertaking or assignments through web on the grounds that there is a greater likelihood that a few students may abuse the power of social media. Information on social networking sites for the individual is not generally 100 percent fair and dependable (Wood, 2013), and they don't check individual points of interest such as age, area, and so on. Although sites are beneficial for student to exhibit a constructive and exact mental self-portrait, there is an equivalent potential to mishandle this openness. Along these lines, having numerous companions through social networking locales is prone to be more unsafe than great. Continuously, numerous systems now give the clients the office to set their own level of exposure at a group level as it were. In any case, this safety measure is not yet accessible for all applications. In this research, the outcomes achieved so far propose that there is the need to concentrates on that attention in real and planned utilization of social media particularly by expansive accomplices of instructors and workforce staff.

### **5. Variables that Impact Social Media Selection in UAE Education**

In literature, there are a few elements that could impact social media appropriation in education. Buchanan *et al.* (2013) researched how a variable, for example, self-adequacy was connected with staff utilization of learning innovation and whether plainly identifiable hindrances were connected with innovation uptake among scholastic personnel. The consequences of the study demonstrated that poor anticipated efficiency and unfavorable circumstances were connected with under stated utilization. The discoveries additionally recommend that workforce utilization of learning advancements ought to be comprehended checking both individual and relevant factors. Also Cao *et al.* (2013) examined the fundamental elements influencing the instructive result of Social Media use in school education.

They observed that elements, for example, anticipated efficiency, outer adversity, and similarity of task technology have an effective result on social media utilization. Besides, the higher the apparent danger of utilizing social media, the more improbable workforce utilizes the innovation to bolster in-class directions every now and again. Additional research by Ulrich and Karvonen (2011) tried various indicators of the incorporation of social media devices into formal web learning situations, by exploring mentalities toward learner self-heading, pedagogical innovation, and development; outer coordinator and pressure; Web 2.0 information and premium; planned and real utilization of Web 2.0. In UAE, the outcomes demonstrate that enthusiasm for these applications was halfway anticipated by earlier information of the innovations and predicted efficiency did not appear to be related to educator interest, while interest anticipated proposed use.

With reference to socio-demographic variables, Scott (2013) reported that elements, for example, sexual orientation, age and past encounters affected instructors' appropriation of e-learning and new advancements like social system destinations. The concentrate additionally demonstrated how pivotal the part of the institutional bolster staff was the point at which the educators began to utilize e-learning stages and social networking instruments, especially in advancing their appearance on their unfulfilled desires, sustaining discourse and cooperation amongst companions and bolster staff, and including instructors in the upgrade of computerized assets.

Additionally, Moran *et al.* (2012) discovered that age assumes an imperative part in the choice to embrace social media for instructing: as indicated by their outcomes, more youthful workforce use social media in their showing more than more seasoned personnel do. They also ascertain that researchers in the humanities and expressions had greater percentage of utilization when contrasted with researchers in the common sciences. Likewise as per Greenhow and Gleason (2014), more researchers that are youthful are utilizing social media more than they are utilizing their more seasoned associates. A further element to be considered is the investigative order. As appeared by Dahlstrom (2012), staff reception of social media may fluctuate contingent upon the topic whereby researchers in the humanities and expressions, callings and connected sciences, and the social sciences are utilizing social media more than they are utilizing those in normal sciences or arithmetic and software engineering.

## 6. Faculty Members' Perspective regarding Social Media in Education

While numerous research are centered around students' use and view of social media utilization in education (Bennett *et al.*, 2012; Cooke, 2015; Karvounidis *et al.*, 2014), not very many investigated instructing exercises or instructors' impression of social media advantages and limitations. In fact, when investigation showing hones in light of the utilization of learning stages that misused social media affordances, issues, for example, instructors' related involvements with ICT in training, their dispositions towards computerized media and their desires, their pedagogical convictions and current practices must be thought about. In a research on instructors' familiarity with pedagogical affordances, Ajjan and Hartshorne (2008) stated that the majority of the respondents demonstrated uplifting states of mind towards coordinating social media in their educating. Be that as it may, not very many pronounced utilizing these mediums or wanting to do as such. Barely anticipated helpfulness and under similarity with recent exercises developed as the most repeating explanations behind few acceptances.

Essentially, Brown (2012) investigated scholastics' view of the capability of social media for education and any impacts molding those recognitions. The consequences of her exploration indicated mindful demeanors towards these advancements, going from recognizing utilization of these devices in a few settings for elevating understudy focused figuring out how to the conviction that continuous experimentation with and examination is the most ideal method for achieving a more profound comprehension of their potential.

Additionally, Rogers-Estable (2014) stated that pronounced employments of social media by instructors in advanced education did not coordinate the stated advantages, and inferred that extraneous elements (e.g. time, preparing, and bolster), as opposed to characteristic components (e.g. convictions, inspiration, certainty), were the primary obstructions to educators to utilize progressively these mediums in instruction. Veletsianos and Kimmons (2013) researched how personnel lived encounters with social networking destinations, brought up that pressures exist between online social systems and workforce character, and additionally between individual associations and expert obligation. Their exploration demonstrated that while social networking destinations can be decidedly utilized for expert objectives, the qualities installed in such mediums are the target of opposition or refusal when exchanged to their instructing and research. They featured how social system locales and social media are generally encircled by the ways different apparatuses, for example, learning management systems, are comprehended and accustomed.

As indicated by this study, awareness with current devices and utilization of innovation for particular capacities (e.g. categorization) may clarify the ways that social system destinations were experienced, in this way standing out starkly from the account of how social media may contribute advantages to instructive practice. Similarly, Ravenscroft (2009) focused on that scholastic staff lean toward those didactic and teaching exercise that improve delimit the revolutionary capability of social media apparatuses and, subsequently, support shut stages, like, learning management systems that are more instructor fixated and depend less on students' commitment and their online social networking. In the accompanying, the particular components that for the most part appear to impact social media appropriation in advanced education are introduced (Manca and Raneiri, 2016).

## 7. Social Media Affordances in Education

The Web 2.0 applications and administrations created inside the domain of social media are portrayed by cooperation and discussion. In UAE, online mainstream media like Facebook have collected a lot of enlisted clients. Every one of these has affordances that could be utilized as a part of net-based advanced education. The term *technology affordance* is characterized distinctively in writing. Kabanda (2014) characterized affordances as a relation between an object, or an environment, and an organism that affords the opportunity for that organism to perform an action. Affordances are the interactions between users and tool. For instance, YouTube is a noteworthy online discussion for survey and distributed video (Mitra *et al.*, 2010). Online journals have been utilized to urge dialogs and to include students in coordinated effort (Meyer and McNeal, 2011). As indicated by Deng and Yuen (2011), members utilizing social media construct a dynamic group of onlookers occupied with community oriented substance establishment. This adjusts extremely well to the constructivist educational prototype, which sees learners as dynamic makers of information, and learning as a social procedure. Utilizing social media suggests that both students and instructors turn out to be more dynamic and included on an individual level. In line with the current trends to integrate information and communication technology (ICT) in education, UAE emphasizes the need to use technologies in all educational levels.

Schools, universities, and institutes are trying to cope up with the modern technological devices, and exploit these tools for teaching (Joseph, 2013). In fact, the average number of computers in laboratories in each institution is 280. 97 percent of higher education students use the internet at the institution, and 98 percent of teachers have been trained to use ICT for instructional purposes. An exploration by Shen and Khalifa (2010) found that Facebook have become a main arena for their identity construction and relationship development, playing a vital role in shaping future society. The study presumes that the more instructor self-divulgence may drive students to more elevated amounts of foreseen inspiration and full of feeling learning and loan to a more agreeable homeroom atmosphere. This delineates potential use for educators to upgrade and support homeroom atmosphere using Facebook. Educators could also help students' inspiration by utilizing social media to increment arbitrate closeness and permitting students to participate in self-unveiled data. Furthermore, utilizing video through YouTube can be utilized adequately to bolster understudy learning in advanced education and empower enthusiasm for themes (Mitra *et al.*, 2010).

While seeing instructive affordances in social media, these inevitably depend on the view of learners and instructors. The foundation is the manner by which they see the capability of accessible social media and their conceivable use in instructive settings (Lee and McLoughlin, 2008). Additionally, Dron (2006) recognized that an error could happen amongst students and teachers in education in light of the information hole in innovation between digital natives (students) and digital immigrants (instructors). Still, not perceiving these possible inconsistencies could prompt disheartens, weariness, and perplexity among learners. Likewise, Anderson (2004) recommended that the best affordance of the Web for instructive use is the significant and versatile increment in correspondence and association ability. This is obvious in social media because of their tendency and elements like the accompanying: (i) network and social correspondence; (ii) intelligent cooperation and data sharing; (iii) content creation; and (iv) knowledge and data collection (McLoughlin and Lee, 2007; Faraonet *et al.*, 2011).

## 8. Discussion

Social Media still has a long way from being thoroughly utilized as a framework of scholarly connections for instructing. Our outcomes universally demonstrate a commonly below standard of instructors selection that appears to affirm refusal underlined likewise by past research in connection to educational routines (Brown, 2012). The discoveries give bits of knowledge into the probable advantages, challenges, and concerns identified with social media use in training from the students' points of view. An enhanced comprehension of students' points of view and new parts in cooperative society may enhance the configuration of learning exercises using new advancements. It may likewise set up proper approaches to grasp social media instruments, at the same time esteeming each chance to teach students in digital wellbeing, protection, and morals as opposed to preventing connection to every single new apparatus in university environment simply with the end goal of insurance.

Taking a gander at the UAE socio-demographic changes that are most identified with recurrence of utilization, researches show that sexual orientation limitedly affects the choice to utilize social media for instructing. Actually, age is a more powerful variable, especially alluding to specific instruments, for example, Facebook and Twitter. This notion is in accordance with different studies on personnel utilization of social media (Dahlstrom, 2012) which establish that teachers embrace and utilize social media contrastingly relying upon their age: the more youthful they are, the more probable they tend to utilize social media instruments. In any case, this information ought to be consolidated with the outcomes identifying with the effect of the quantity of years of educating. In spite of the fact that this variable is moderately huge, the fundamental pattern is that advanced education educators with higher quantities of years of instructing are more inclined to utilize social media, especially alluding to Twitter.

Regardless of the way that individuals with higher quantities of years of educating are not as a matter of course more established, we can accept that there is a relationship between quantities of years of instructing and age. In this manner, one could say that more established scholastics are utilizing Twitter more than more youthful ones. This conveys us to reason that age is a variable that requires more examination. In any case, it merits watching that researchers in a larger amount of their vocation and likely more seasoned are utilizing Social Media not exactly more youthful scholastics, and this would be predictable with the outcomes identifying with the age as a separating element that have been accounted for somewhere else (Greenhow and Gleason, 2014). Then again, age is by all accounts an element that necessities further examination.

On the off chance, that outcomes on age, rank, and scholarly title don't demonstrate clear and unequivocal patterns, the investigative order is by all accounts the most compelling variable among the elements investigated. The inspirations for utilize social media mediums in instructing, while Facebook and Twitter are principally seen as intends to spur students. Despite the fact that all the time these inspirations are utilized as reason for the reception of inventive gadgets in instruction (Ajjan and Hartshorne, 2008), scholastics appear to be more keen on testing new practices or enhancing the nature of their education as opposed to pulling in students using PC and the Internet. For sure, an instructor utilizes Podcast, YouTube and others to explore different avenues regarding new mediums for offering essential composition to students. While seeing the particular management through which social media are being consolidated into present methods, no critical contrasts might be distinguished between the distinctive devices, while the common pattern is that social media are for the most part abused to envision assets. Certainly, regardless of what device is considered, they are mostly used to get to composition than to remark prior assets or make new information. This propensity to utilize social media as intends to bolster relaying ways to deal with educating and training is reliable with different knowledge on instructors' utilization of these devices (Moran *et al.*, 2012).

Furthermore, with more broad takes a shot at social media uses. As proposed in the writing (Crook, 2012), the consolidation of more cooperative methods into formal environment of education can boost pressures that may forestall academic teachers to receive social media in their present methods. A specific wariness to utilize social media in a constructivist viewpoint involving all the more captivating exercises might be additionally clarified by the absence of confirmation about the instructional adequacy of these devices (Greenhow and Askari, 2015). On account of instruments like other social networks, it rises that they were additionally used to broadcast data about the development or to bolster correspondence amongst instructors and students. The examination of the discoveries identified with the hindrances that keep scholastic faculty from utilizing social media for instructing affirms past exploration on boundaries and organizers to the reception of these devices (Gao *et al.*, 2012; Manca and Ranieri, 2015; Veletsianos *et al.*, 2013). Certainly, rationally with different studies (Manca and Ranieri, 2013) discovered that educational and communal components, like, the disintegration of instructors' customary parts, the administration of associations with students or the issue of protection dangers are constraining the showing utilization of social media, with a few contrasts relying upon the investigative control. To finish up, research say with Cao *et al.* (2013) that apparent handiness is an essential element that inspires the utilization of social media in advanced education instructing, although saw hazard contrarily influences inspiration to utilize them.

## 9. Conclusion

Learning prefers to investigate rising advancements as current or enhanced devices to improve guideline and education in UAE. Social media has risen as a profoundly helpful individual correspondence innovation. Despite the fact that the foundation to bolster social media's nearness prevail in many colleges now, educators have been moderate in embracing the device as an instructive one. A few, obviously, did not agree to acknowledge the device unconditional authority favoring hypothetical or down to earth purposes behind a usage. Receptive educators are probably in an exploratory phase of usage as they search for arrangement between course exercises and the SNS applications (Bennett *et al.*, 2012). Identical test applies to any choice identified with instructive innovation and its place in the educational modules. This audit has brought up a greater number of issues than it has replied. However, what truly important is not the innovation or device just, but rather the client, innovation affordances, and how the client is utilizing the device. Students communicate with other people and are impacted by an innovation driven society and ideas in everyday life. This concealed educational module (Gredler, 2009) is too critical to possibly be disregarded.

Ashraf (2009) remarked on the vanishing of specialists and the importance of gaining from associate specialists, and this compares to Hemmi *et al.* (2009) recommendation that social media might be a test for the educated community epistemologically and ontologically. Understanding and assessing affordances is vital for powerful selection of these devices. Maybe hence, the altered ideas of taking in and casual taking in got from social media use ought to be deliberated as definitive objectives for outlining forth-coming educational status. Positively, social media has been predominant on the school grounds, however not as of not long ago has its practicality as a learning tool been deliberated by a developing population of teachers.

Additional intention that may clarify the scarcity of studies is that social media coordination is a decision made at the educator level as opposed to an in academic choice. Subsequently, the execution might be to a greater extent a trial that fits activity examination and eventually to more inquiries. As copied from this outcome, the college demands to investigate the power of social media utilization before choosing to actualize restricted access on social media site. The fast development of social media utilization in education is a truth that we can oppose any longer. Regardless of to decline it, researchers ought to consider the best approach to embrace it in education and advance the reasonable use strategy taking into account environment client conduct.

## References

- Ajjan, H., & Hartshorne, R. (2008). Investigating faculty decisions to adopt Web 2.0 technologies: Theory and empirical tests. *The Internet and Higher Education*, 11(2), 71-80. DOI: 10.1016/j.iheduc.2008.05.002
- Anderson, T. (2004). Toward a theory of online learning. In Anderson, T. & Elloumi, F. (Eds.), *Theory and practice of online learning* (pp. 33-60). Athabasca University Press.
- Armstrong, J. & Franklin, T. (2008). A review of current and developing international practice in the use of social networking (Web 2.0) in higher education. *Franklin Consulting*, 1-141.
- Ashraf, B. (2009). Teaching the Google-eyed YouTube generation. *Education and Training*, 51(5), 343-352.
- Barnes, N. G., & Lescault, A. (2011). *The 2011 Inc. 500 social media update: Blogging declines as newer tools rule*. Center for Marketing Research Charlton College of Business: University of Massachusetts Dartmouth. Available at <http://www.Umassd.edu/cmr/studiesandresearch/2011inc500socialmediaupdate>
- Bennett, S., Bishop, A., Dalgarno, B., Waycott, J., & Kennedy, G. (2012). Implementing Web 2.0 technologies in higher education: A collective case study. *Computers and Education*, 59(2), 524-534. DOI: 10.1016/j.compedu.2011.12.022
- Bin Byat, A. & Sultan, O. (2014). *United Arab Emirates: Fostering a unique innovation ecosystem for a knowledge-based economy*. In the Global Innovation Index 2014: The Human Factor in Innovation. Academic Press.
- Bosch, T. E. (2009). Using online social networking for teaching and learning: Facebook use at the University of Cape Town. *Communicatio: South African Journal for Communication Theory and Research*, 35(2), 185-200 DOI: 10.1080/02500160903250648
- Boyd, D. M., & Ellison, N. B. (2007). Social network sites: Definition, history, and scholarship. *Journal of Computer-Mediated Communication*, 13(1), 210-230. DOI: 10.1111/j.1083-6101.2007.00393.x
- Brown, S. A. (2012). Seeing Web 2.0 in context: A study of academic perceptions. *Internet and Higher Education*, 15(1), 50-57. DOI: 10.1016/j.iheduc.2011.04.003.
- Buchanan, T., Sainter, P., & Saunders, G. (2013). Factors affecting faculty use of learning technologies: implications for models of technology adoption. *Journal of Computing in Higher Education*, 25(1), 1-11. DOI: 10.1007/s12528-013-9066-6
- Bull, G., Thompson, A., Searson, M., Garofalo, J., Park, J., Young, J., & Lee, J. (2008). Connecting informal and formal learning experiences in the age of participatory media. *Contemporary Issues in Technology and Teacher Education*, 8(2), 100-107. Retrieved from [www.citejournal.org/vol8/iss2/editorial/article.cfm](http://www.citejournal.org/vol8/iss2/editorial/article.cfm).
- Cao, Y., Ajjan, H., & Hong, P. (2013). Using social media applications for educational outcomes in college teaching: A structural equation analysis. *British Journal of Educational Technology*, 44(4), 581-593. DOI: 10.1111/bjet.12066
- Conroy, P. Narula, A. Milano, F. & Singhal, R. (2014). *Building consumer trust: Protecting personal data in the consumer product industry*. Deloitte University Press.
- Cooke, S. (2015). Social teaching: Student perspectives on the inclusion of social media in higher education. *Education and Information Technologies*, 1-15. DOI: 10.1007/s10639-015-9444-y
- Crook, C. (2012). The 'digital native' in context: tensions associated with importing Web 2.0 practices into the school setting. *Oxford Review of Education*, 38(1), 63-80. DOI: 10.1080/03054985.2011.577946.
- Dahlstrom, E. (2012). *ECAR study of undergraduate students and information technology* (Research Report). Louisville, CO: EDUCAUSE Center for Applied Research. Available from <http://www.educause.edu/ecar>.
- Davis, C., III, Deil-Amen, R., Rios-Aguilar, C., & Gonzalez-Canche, M. S. (2012). Social media in higher education: A literature review and research directions. Report printed by the University of Arizona and Claremont Graduate University.

- Davis, N. E., Dabner, N., Mackey, J., Morrow, D., Astall, C., Cowan, J., & et al. (2011). Converging offerings of teacher education in times of austerity: Transforming spaces, places and roles. Proceedings of Society for Information Technology and Teacher Education International Conference 2011. Nashville, TN: AACE 1-880094-84-3, 2011.
- Del Moral, E. Cernea, A. & Villalustre, L. (2013). Connectivist Learning Objects and Learning Styles. *Interdisciplinary Journal of E-Learning and Learning Objects*, 9, 105-124.
- Deng, L., & Yuen, A. H. K. (2011). Towards a framework for educational affordances of blogs. *Computers & Education*, 56(2), 441–451. DOI: 10.1016/j.compedu.2010.09.005
- Dron, J. (2006). *Social software and the emergence of control*. Paper presented at the Sixth IEEE International Conference on Advanced Learning Technologies (ICALT'06), Washington, DC: USA.
- Falahah&Rosmala, D. (2012). Study of Social Networking Usage in higher education environment. *Procedia - Social and Behavioral Sciences*, 67, 156-166. DOI: 10.1016/j.sbspro.2012.11.316
- Faraon, M., Cronquist, B. & Kaipainen, M. (2011). *Social media affordances in net-based higher education*. In: Proceedings of the IADIS International Conference on International Higher Education (IHE 2011), Shanghai, December 8-10, 2011. Shanghai, China: IADIS Press, pp. 27-37.
- Gao, F., Luo, T., & Zhang, K. (2012). Tweeting for learning: A critical analysis of research on microblogging in education published in 2008–2011. *British Journal of Educational Technology*, 43(5), 783–801. DOI: 10.1111/j.1467-8535.2012.01357.x
- Greenhow, C., & Gleason, B. (2014). Social scholarship: Reconsidering scholarly practices in the age of social media. *British Journal of Educational Technology*, 45(3), 392–402. DOI: 10.1111/bjet.12150.
- Greenhow, C., & Askari, E. (2015). Learning and teaching with social network sites: A decade of research in K-12 related education. *Education and Information Technologies*, 1-23. DOI: 10.1007/s10639-015-9446-9
- Gredler, M. E. (2009). *Learning and instruction: Theory into practice* (6<sup>th</sup> Edition). New Jersey, USA: Pearson.
- Gupta, A. (2014). Scope and implications of social media in the context of higher education: review of researches. *MIER Journal of Educational Studies, Trends & Practices*, 4(2), 231-253.
- Hajli, M. N., & Lin, X. (2014). Developing tourism education through social media. *Tourism Planning & Development*, 11(4), 405-414. DOI: 10.1080/21568316.2014.883426
- Hamid, S. Chang, S. & Kurnia, S. (2009). *Identifying the use of online social networking in higher education*. In: Proceedings ascilite Auckland 2009. Available from <http://www.ascilite.org.au/conferences/auckland09/procs/hamid-poster.pdf>
- Hemmi, A., Bayne, S., & Land, R. (2009). The appropriation and repurposing of social technologies in higher education. *Journal of Computer Assisted Learning*, 25(1), 19–30. DOI: 10.1111/j.1365-2729.2008.00306.x
- Hussain, I. (2005). *A study of emerging technologies and their impact on teaching learning process*. An unpublished PhD Dissertation, Allama Iqbal Open University Islamabad.
- Hussain, I. (2012). A study to evaluate the social media trends among university students. *Procedia - Social and Behavioral Sciences*, 64, 639-645. DOI: 10.1016/j.sbspro.2012.11.075
- Jiao, Y., Gao, J., & Yang, J. (2015). Social value and content value in social media: Two ways to flow. *Journal of Advanced Management Science*, 3(4), 299-306. DOI: 10.12720/joams.3.4.299-306
- Johnson, L., Adams, S., & Cummins, M. (2012b). *The NMC horizon report: 2012 higher education edition*. Austin, TX: The New Media Consortium.
- Joosten, T. (2012). *Social media for educators: Strategies and best practices*. Hoboken, NJ, USA: Jossey-Bass.
- Joseph, R. (2013). *Teachers' views of ICT in el classrooms in UAE Institutes of technology* (Master thesis, American University of Sharjah, United Arab Emirates). Available online at <https://dspace.aus.edu/xmlui/handle/11073/5882>.
- Kabanda, G. (2014). Technology Affordances and Diffusion for Mobile Connectivity and Applications in Zimbabwe. *International Journal of Emerging Technology and Advanced Engineering*, 4(6), 13-23.
- Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of social media. *Business Horizons*, 53(1), 59–68. DOI: 10.1016/j.bushor.2009.09.003
- Karvounidis, T., Chimos, K., Bersimis, S., & Douligeris, C. (2014). Evaluating Web 2.0 technologies in higher education using students' perceptions and performance. *Journal of Computer Assisted Learning*, 30(6), 577-596. DOI: 10.1111/jcal.12069

- Lee, M. J. W., & McLoughlin, C. (2008). Harnessing the affordances of Web 2.0 and social software tools: Can we finally make "student-centered" learning a reality? In J. Luca & E. Weippl (Eds.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2008* (pp. 3825-3834). Association for the Advancement of Computing in Education (AACE).
- Liburd, J. J., & Christensen, I. M. F. (2013). Using web 2.0 in higher tourism education. *Journal of Hospitality, Leisure, Sport & Tourism Education*, 12(1), 99-108. DOI: 10.1016/j.jhlste.2012.09.002
- Mao, J. (2014). Social media for learning: A mixed methods study on high school students' technology affordances and perspectives. *Computers in Human Behavior*, 33, 213-223. DOI: 10.1016/j.chb.2014.01.002
- Madge, C., Meek, J., Wellens, J., & Hooley, T. (2009). Facebook, social integration and informal learning at university: It is more for socializing and talking to friends about work than for actually doing work. *Learning, Media and Technology*, 34(2), 141-155. DOI: 10.1080/17439880902923606
- Manca, S., & Ranieri, M. (2013). Is it a tool suitable for learning? A critical review of the literature on Facebook as a technology-enhanced learning environment. *Journal of Computer Assisted Learning*, 29(6), 487-504. DOI: 10.1111/jcal.12007
- Manca, S., & Ranieri, M. (2015). Implications of social network sites for teaching and learning. Where we are and where we want to go. *Education and Information Technologies*, 1-18. DOI: 10.1007/s10639-015-9429-x
- Manca, S. & Ranieri, M. (2016). Facebook and the Others. and obstacles of Social Media for teaching in higher education. *Journal of Computers and Education*, 95(C), 216-230. DOI: 10.1016/j.compedu.2016.01.012
- McEwan, B. (2012). Managing boundaries in the web 2.0 classroom. *New Directions for Teaching and Learning*, 2012(131), 15-28. DOI: 10.1002/tl.120024.
- McLoughlin, C., & Lee, M. J. W. (2007). *Social software and participatory learning: extending pedagogical choices with technology affordances in the Web 2.0 era*. In: Proceedings ascilite Singapore 2007 (pp. 664-675).
- Meyer, K. A., & McNeal, L. (2011). Academics online: Their interests and foibles. *Internet and Higher Education*, 14(2), 113-120. DOI: 10.1016/j.iheduc.2010.09.002
- Mitra, B., Lewin-Jones, J., Barrett, H., & Williamson, S. (2010). The use of video to enable deep learning. *Research in Post-Compulsory Education*, 15(4), 405-414. DOI: 10.1080/13596748.2010.526802
- Moran, M., Seaman, J., & Tinti-Kane, H. (2012). *Blogs, Wikis, Podcasts and Facebook: How Today's Higher Education Faculty Use Social Media*. Pearson Learning Solutions and Babson Survey Research Group.
- Ravenscroft, A. (2009). Social software, Web 2.0 and learning: status and implications of an evolving paradigm. *Journal of Computer Assisted Learning*, 25(1), 1-5. DOI: 10.1111/j.1365-2729.2008.00308.x
- Reuben, R. (2009). *The Use of Social Media in Higher Education for Marketing and Communications: A Guide for Professionals in Higher Education*. Retrieved from <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.534.79&rep=rep1&type=pdf>
- Rogers-Estable, M. (2014). Web 2.0 Use in Higher Education. *European Journal of Open, Distance and e-Learning*, 17(2), 129-141. Available from <http://www.eurodl.org/?p=current&article=655>.
- Romero, O. C. (2015). Social Media as learning tool in higher education: the case of Mexico and South Korea. *Revista Electronica Sinectica*, 44, 1-15. Available from <http://www.scielo.org.mx/pdf/sine/n44/n44a11.pdf>
- Scott, K. M. (2013). Does a university teacher need to change e-learning beliefs and practices when using a social networking site? A longitudinal case study. *British Journal of Educational Technology*, 44(4), 571-580.
- Shen, K. & Khalifa, M. (2010). Facebook usage among Arabic college students: preliminary findings on gender differences. *International Journal of e-Business Management*, 4(1), 53-65. DOI: 10.3316/IJEBM0401053
- Sobaih, A.E., Moustafa, M.A., Ghandforoush, P., & Khan, M. (2016). To use or not to use? Social media in higher education in developing countries. *Computers in Human Behavior*, 58, 296-305. DOI: 10.1016/j.chb.2016.01.002
- Sokol, D. & Sisler, V. (2010). Socializing on the Internet: Case Study of Internet Use among University Students in the United Arab Emirates. *Global Media Journal*, 9(16), 1-20.
- Tess, P. (2013). The role of social media in higher education classes (real and virtual) - A literature review. *Computers in Human Behavior*, 29(5), A60-A68. DOI: 10.1016/j.chb.2012.12.032

- Ulrich, J., & Karvonen, M. (2011). Faculty instructional attitudes, interest, and intention: Predictors of Web 2.0 use in online courses. *Internet and Higher Education, 14*(4), 207-216. DOI: 10.1016/j.iheduc.2011.07.001
- Veletsianos, G., & Kimmons, R. (2013). Scholars and faculty members' lived experiences in online social networks. *Internet and Higher Education, 16*(1), 43-50. DOI: 10.1016/j.iheduc.2012.01.004
- Veletsianos, G., Kimmons, R., & French, K. (2013). Instructor experiences with a social networking site in a higher education setting: expectations, frustrations, appropriation, and compartmentalization. *Educational Technology Research and Development, 61*(2), 255-278. DOI:10.1007/s11423-012-9284-z
- Wood, C. (2013). *Fair game? How Ethical and Reliable is the Use of Social Networking Sites for Recruitment Purposes?* Professional and Technical Writing Final Report, 1-14. Nelson Marlborough Institute of Technology, New Zealand.
- Zaidieh, A.Y. (2012). The Use of Social Networking in Education: Challenges and Opportunities. *World of Computer Science and Information Technology Journal, 2*(1), 18-21.