

# Information Ethics Issues In Higher Education Institutions

**Fatin Erna Mat Arif, Zulaikha Zulkefli and Norhayati Hussin**

*Faculty of Information Management, University Teknologi Mara, Puncak Perdana  
40150 Shah Alam, UiTM Selangor, Malaysia*

DOI: 10.6007/IJARBSS/v7-i8/3289 URL: <http://dx.doi.org/10.6007/IJARBSS/v7-i8/3289>

## **Abstract**

Information ethics, as is prominent, has arrived as a liberated area of ethical and philosophical inquiry. There are few number of academic journals that are devoted fully to the numerous ethical issues that emerge relating with the new information communication technologies such as the issues include information privacy, safety issues of concern to librarians , a host of intellectual property, and other information professionals. Furthermore, there are also a number of yearly dominant international conferences committed to information ethics. It would barely be hyperbolic the thing to make declaration that information ethics is as “hot” a field of theoretical inquiry as medical ethics. The objective of this paper was to analyze the issues of information quality and to determine the best criteria of information quality in financial institutions. The implications of bad quality information will also be described in order to know how it will cause critical financial problem for industries.

**Keywords:** *Higher education, Barriers, Information Education*

## **1. Introduction**

According to Kenneth Einar Himma, (2007) a statistic of theorists have pursued to advocate the analysing of computer ethics as a field by disagree that computer ethics is unique in some theoretically significant sense. On this line of analysis, the use of computing technologies gives rise to unique meta-ethical, ethical, or epistemic difficulties that warrant treating those problems as a theoretically unified class that requires specialization. While a number of authors argue that computer ethics is distinct in some theoretically significant way (henceforth the uniqueness thesis), they differ with consideration to the sensibility in which they think it is rare.

Today information technology (IT) has become a fundamental element of our lives and totally changed the way we bring about the day-to-day tasks. Be it banking / money dealing, manufacturing, architecture, retail, healthcare, travel, marketing, agriculture, entertainment, etc., IT has absolutely transform the style these businesses are conducted. IT is known to lower operational costs, reduce cycle time, and enhance operational efficiency (Bardhan et al., 2007), productivity (Brynjolfsson and Hitt, 2003), performance (Melville et al., 2004; Duh et al., 2006), customer satisfaction, quality (Grover et al., 1998), and profitability (Hitt and Brynjolfsson, 1996; Mithas et al., 2012).

Admitting interpretations of unethical behaviour have long been attributed to individual factors, previous research has shown that contextual factors can interact with individual factors in influencing moral reasoning and important organizational outcomes (e.g. Adams et al., 2001; Dickson et al., 2001; Weber, 1990).

Base on, Peter Serdyukov, (2017) innovation can be directed toward progress in one, several, orally aspect soft the educational system: theory and practice, curriculum, teaching and learning, policy, technology, institutions and administration, institutional culture, and teacher education. It can be applied in any aspect of education that can make a positive impact on learning and learners.

## **2. Literature Review**

### *2.1 Learning spaces and its leverage on learning*

Learning spaces are commonly prescribed as places where formal as well as informal learning takes place (Marsick and Watkins, 2001; Milne, 2006). More precisely, formal learning takes place in extraordinarily structured settings (Marsick and Watkins, 1990) which is informal learning can turn up anywhere in an organization in an unstructured aspect. Respectively, various learning spaces at a highly education institution such as university can lead to various types of learning classrooms. For example, being highly structured will create to formal learning (Marsick and Watkins, 1990), meanwhile communications and interactions with peers outside the classroom and circumstantial ideas from the whole sense of the university climate create to informal learning (Marsick and Watkins, 2001; Wenger, 1998).

### *2.2 Business ethics class as a learning space*

Business ethics class works as a formal learning space where graduate are stimulated to various types of high-principled dilemmas in institutions, organizations, communities and societies. The major purpose of business ethics learning is to develop a greater level of noble realization and noble experiences within our students. The prediction is to make sure that the student able to enlist their own personal ethics when they are encountered with a principled dilemma whenever they get in the business environment (Lowry, 2003). The standard format of business ethics courses comprises sensitizing the graduates to different types of ethical dilemmas in management by coaching ethics concepts as guidelines to figure out potential outcomes and next having the graduates use their freshly developed realization through the wide-ranging practice of case-based lessons (Gentile, 2010). This conventional way to coach business ethics has been condemn for depending on empathetic learning and the shortage of transferability from the intellectual context to the graduate's job experiences after their learning in university (McDonald and Donleavy, 1995).

Operations and ICT-based tools are extensively used in libraries to assist the progress of resource sharing and networking, increase the quality of information services, improve access to information resources, increase the speed of operations, and erase the reproduction of efforts (Peyala, 2011). ICT applications can help libraries in transferring, storing, creating, and practicing tacit and explicit knowledge. Besides, libraries can use various ICT-based tools including decision support systems, competency databases, integrated library management systems, document management systems, online retrieval and search systems, email, intranet,

video conferencing, groupware, expert networks, teleconferencing, data mining and meta data (Okumus, 2012; Peyala, 2011; Rah et al., 2010; Shanhong, 2000).

In addition, United States, are consideration IT are one of innovation education of their courses in high education. Along with types of innovation, the degree of impact can be identified on the following three levels:

- (1) Adjustment or upgrading of the process: innovation can occur in daily performance and be seen as a way to make our job easier, more effective, more appealing, or less stressful. This kind of innovation, however, should be considered an improvement rather than innovation because it does not produce a new method or tool. The term innovative, in keeping with the dictionary definition, applies only to something new and different, not just better, and it must be useful (Okpara, 2007). Educators, incidentally, commonly apply the term “innovative” to almost any improvement in classroom practices; yet, to be consistent, not any improvement can be termed in this way. The distinction between innovation and improvement is in novelty and originality, as well as in the significance of impact and scale of change.
- (2) Modification of the process: innovation that significantly alters the process, performance, or quality of an existing product (e.g. accelerated learning (AL), charter school, home schooling, blended learning).
- (3) Transformation of the system: dramatic conversion (e.g. Bologna process; Common Core; fully automated educational systems; autonomous or self-directed learning; online, networked, and mobile learning).

The need for educational innovations has become acute. “It is widely believed that countries’ social and economic well-being will depend to an ever greater extent on the quality of their citizens’ education: the emergence of the so-called ‘knowledge society’, the transformation of information and the media, and increasing specialization on the part of organizations all call for high skill profiles and levels of knowledge. Today’s education systems are required to be both effective and efficient, or in other words, to reach the goals set for them while making the best use of available resources” (Cornali, 2012, p. 255). According to an Organization for Economic Cooperation and Development (OECD) report, “the pressure to increase equity and improve educational outcomes for students is growing around the world” (Vieluf et al., 2012, p. 3). In the USA, underlying pressure to innovate comes from political, economic, demographic, and technological forces from both inside and outside the nation.

### *2.3 Learning faster, learning better, and at a lower cost.*

Among many points for educational innovations time definitely deserves close attention. Time is a significant factor in education. Attempts to save time on learning and raise its productivity are well known to each of us. To increase learning efficiency using so-called accelerated and intensive approaches is a promising path for innovation. These two approaches demonstrate the difference between evolutionary and revolutionary disruptive approaches. Innovation, as we know, can be called to life by social, political, or professional factors but the strongest is definitely economic. A flat world (Friedman, 2005) means global competition, faster production cycles, and more to keep up with. Time is speeding up. Requirements for workers are rapidly mounting in industry and business due to swiftly changing technologies and fierce

international competition. It is impractical to spend third of one's active lifetime attending secondary school and college learning in advance what may not be useful on the job in the next 10 to 15 years because manufacturing, technology, and business will completely change. Additionally, the cost of a college education is rising faster than inflation, though the outcomes are disproportionate to this rise: "[...] tuition has increased faster than inflation, without a comparable increase in the quality or results" (Brewer and Tierney, 2012, p. 13). If you ask students what worries them most, it is the cost of the next course and its value for their future job. Education has become more expensive and less affordable for many people. This also creates a heavy burden on the state's budget. Therefore, educators need to find ways to make education more time and cost efficient (Hjeltnes and Hansson, 2005).

So, accelerated programs that speed up learning by compressing the course duration, while requiring the same number of hours for the same learning outcomes, are an evolutionary innovation. Intensive programs that provide better outcomes in a considerably shorter time are a revolutionary innovation. We can state now that when an innovation ensures significantly better outcomes and saves on cost or time by at least an order of 2(100 percent) or more, we can call it a revolutionary innovation. Measuring time in learning can be instrumental for increasing its productivity. Learning to manage time productively is especially acute for independent learners and online students for whom effective time management is a well-known issue. Therefore, teachers need to be taught to use time effectively. In teacher preparation programs, for instance, we recommend that teachers use time estimates when planning lessons (Serdyukov and Ryan, 2008; FEA, 2016). Thus, making learning more time and cost efficient offers a promising venue for further innovations.

### **3. Conclusion**

Based on all of the above information regarding business ethics education, our classes need a certain sway around expanding those affectability of our people of the nuances of moral particular circumstances and taking part clinched alongside moral practices. Our discoveries demonstrate help that taking a benefits of the business ethics class positively effects the probability of a scholar captivating moral conduct. This is well on the way because of expanded affectability will moral situations, furthermore n finer seeing the reason particular conduct technique might make acknowledged exploitative. Additionally, our discoveries show help for the effect of the moral environmental of the school on our learners. Our Outcomes indicate that understudies who recognize higher rates about learners got deceiving are less averse on participate clinched alongside moral conduct. The suggestion for both these discoveries is that formal and casual taking in spaces are significant as situations to instructing our students, especially as they relate will morals instruction. Our teachings in the classroom necessity with adjust to our approaches what's more hones outside those classroom. It will be of interest on note that our theory on the impact from claiming watching different people deceiving once probability of taking part done moral conduct might have been not huge. In light of an expansive physique about written works on deceiving (e. G. McCabe, 2005; McCabe and Trevino, 1995) we expected learners who observed higher levels about deceiving might a chance to be more improbable will participate moral conduct.

Besides, instruction urgently needs viable innovations about scale that can generate prominent taking in conclusions crosswise over those framework what's more to every last bit understudies.. Moreover, these transformations ought to be varied, yet systematic, focusing on distinctive basic parts of training. Furthermore, far reaching innovations, both unmistakable bring the ability should rapidly produce versatile impacts. Radically moving forward the effectiveness also personal satisfaction of showing and taking in hypothesis and practice, and in addition the parts of the learner, teacher, parents, community, and society be the elementary concentrate about these transforms. Guaranteeing methodologies also ought further bolstering to try to move forward students' fill in ethic also attitudes at learning, their improvement from claiming different taking in skills, and in addition making taking in more profitable. We additionally must achieve all grades, starting with preschool to higher including postgraduate levels, under person durable framework. Similarly as the cost of education, particularly during universities proceeds with rise, cosset what's more run through effectiveness about learning, viable guidelines approaches, and strategies and devices skilled for satisfying those essential mission of instruction at will turn into incredulous ranges about examination and good results. Whatever innovations we devise for education, then again a great deal engineering organization we incorporated under learning, the mankind's element, especially the learner and teacher, remains problematic. So, same time taking playing point for successful instructive technologies, we must arrange the individuals current instruments inside a wider setting of human instruction in place will preserve its humanistic, developmental reason for existing and, thus, settle on a greater amount viable utilization of them. Our comprehension for how scholars discover what's more entryway instructors show and art their procedure to technology-based situations stays needing. Inquiries will ask are if present techniques help expansion taking in productivity.

## Reference

- Adams, J.S., Tashchian, A. and Shore, T.H. (2001), "Codes of ethics as signals for ethical behavior", *Journal of Business Ethics*, Vol. 29 No. 3, pp. 199-211.
- Bardhan, I.R., Mithas, S. and Lin, S. (2007), "Performance impacts of strategy, information technology applications, and business process outsourcing in US manufacturing plants", *Production and Operations Management*, Vol. 16 No. 6, pp. 747-762.
- Brewer, D. and Tierney, W. (2012), "Barriers to innovation in the US education", in Wildavsky, B., Kelly, A. and Carey, K. (Eds), *Reinventing Higher Education: The Promise of Innovation*, Harvard Education Press, Cambridge, MA, pp. 11-40.
- Brynjolfsson, E. and Hitt, L.M. (2003), "Computing productivity: firm-level evidence", *The Review of Economics and Statistics*, Vol. 85 No. 4, pp. 793-808.
- Cornali, F. (2012), "Effectiveness and efficiency of educational measures", *Evaluation Practices, Indicators and Rhetoric*, Vol. 2 No. 3, pp. 255-260, available at: [www.SciRP.org/journal/sm](http://www.SciRP.org/journal/sm)
- Friedman, T. (2005), *The World is Flat: A Brief History of the Twenty-First Century*, Farrar, Straus and Giroux, New York, NY.

Kenneth, E. H. (2007) "Foundational issues in information ethics", *Library Hi Tech*, Vol. 25 Issue: 1, pp.79-94, DOI: 10.1108/07378830710735876

Melville, N., Kraemer, K. and Gurbaxani, V. (2004), "Review: information technology and organizational performance: an integrative model of IT business value", *MIS quarterly*, Vol. 28 No. 2, pp. 283-322.

Peter, S. (2017) "Innovation in education: what works, what doesn't, and what to do about it?", *Journal of Research in Innovative Teaching & Learning*, Vol. 10 Issue: 1, pp.4-33, doi: 10.1108/JRIT-10-2016-0007