

**A STUDY ON PERFORMANCE OF E-LEARNING
IMPLEMENTATION IN CORPORATE SECTOR**

PRASANTH NAIR, DR. GAGANDEEP KAUR

DESIGNATION-RESEARCH SCHOLAR, DEPARTMENT OF BUSINESS & COMMERCE, THE
GLOCAL UNIVERSITY MIRZAPUR POLE SAHARANPUR, UTTAR PRADESH
DESIGNATION- ASSISTANT PROFESSOR, DEPARTMENT OF BUSINESS & COMMERCE,
THE GLOCAL UNIVERSITY MIRZAPUR POLE SAHARANPUR, UTTAR PRADESH

ABSTRACT

E-learning platforms provide employees with on-demand access to a diverse range of courses, allowing them to tailor their learning journeys to individual career aspirations and organizational objectives. This self-directed learning model, supported by HRM initiatives, empowers employees, enhances job satisfaction, and contributes to higher retention rates. Employees are more likely to remain engaged and committed when they perceive that their organization invests in their professional growth. The role of HRM in e-learning implementation extends beyond facilitating access to training materials. HRM professionals actively engage in the design and curation of e-learning content, ensuring its alignment with organizational objectives and industry trends. This strategic involvement enhances the relevance of training programs, making them more impactful in addressing the specific needs of the workforce. By integrating HRM expertise into e-learning content creation, organizations can create a dynamic and adaptable learning environment. This analytical approach enables HRM to make informed decisions about refining and optimizing e-learning strategies, contributing to the overall success of talent development programs. The synergies between HRM practices and e-learning implementation in corporate sector organizations. The HRM approach, characterized by strategic planning, targeted skill development, and a commitment to continuous learning, plays a central role in enhancing both employee retention and performance through e-learning initiatives. As organizations navigate the complexities of a rapidly evolving business landscape, the integration of HRM and e-learning stands as a progressive and effective strategy for cultivating a skilled, engaged, and resilient workforce.



KEYWORDS: E-Learning Implementation, Corporate Sector, HRM initiatives, corporate sector organizations, HRM practices

INTRODUCTION

It is crucial to improve staff retention and performance in today's fast-paced business world. An essential component of this effort is human resource management (HRM), which has the power to revolutionize businesses through the use of e-learning platforms. We are in the midst of a new era, brought about by this paradigm shift towards digital learning, where corporate cultures effortlessly incorporate continuous learning and development, promoting employee progress and organizational success.

The belief that one's people are one's most significant asset is central to human resource management's strategic approach. In addition to enhancing individual competencies, HRM fosters a culture of continuous growth by prioritizing professional development through e-learning initiatives. Time restrictions, logistical problems, and limited scalability were common problems with traditional training approaches. But these drawbacks are irrelevant when compared to the advantages of e-learning, which include convenience, accessibility, and individualization of instruction. Workers are able to improve their performance and output thanks to this flexibility, which allows them to learn new things at their own speed.

In addition, the larger goals of talent retention are in line with the implementation of e-learning platforms. To thrive and flourish in today's cutthroat business environment, it is essential to hold on to your best employees. When companies invest in their employees' professional growth and development through e-learning initiatives, it sends a message of commitment and engagement. It is easier to hold on to good employees when companies provide them with a wide range of learning opportunities that reflect their interests and goals in the workplace.

In addition, HRM experts can take a data-driven approach to talent management with the help of e-learning systems. Employee engagement, learning outcomes, and performance indicators can be better understood with the use of these platforms' powerful tracking and analytics features. Human resource management experts can use this information to pinpoint problem areas, personalize learning interventions, and coordinate training programs with company objectives. As a result of this strategic alignment, e-learning programs will be proactive tactics that propel the firm to success, rather than just reactive ones.



A globalized workforce with varied skill sets and perspectives is fostered through the integration of e-learning platforms within corporate sector companies, which goes beyond geographical limits. The capacity to provide employees with consistent learning experiences regardless of their location is priceless in this age of digital transformation and remote work. Innovation and organizational culture are both enriched by the opportunities for cross-cultural communication, information exchange, and cooperation made possible by e-learning platforms.

E-LEARNING IMPLEMENTATION

When it comes to education and professional development, the introduction of e-learning signifies a revolutionary change in thinking, completely changing the way people learn and grow. The term "e-learning" refers to the widespread use of various online resources that use technology to improve and streamline the learning process. Corporate training, skill development, and lifelong learning are just a few of the many areas that have benefited greatly from the introduction of e-learning. As we explore the complexities of e-learning, it becomes clear that this adaptable method satisfies learners' changing demands and opens up new possibilities for accessibility, flexibility, and personalized learning paths.

By removing obstacles to entry and making educational possibilities available to people all over the world, e-learning is fundamentally democratizing education. Many people's dreams of furthering their education are dashed because traditional educational methods are unable to overcome obstacles such as distance, lack of funding, and inadequate resources. By its very definition, online education removes these limitations, providing a digital entry point to an extensive body of information. Learners from all walks of life can now overcome barriers of distance and resource availability to access high-quality educational content through online courses, webinars, or interactive modules.

Online education represents a radical break from traditional classrooms because of the adaptability it offers. Because e-learning systems offer asynchronous access to instructional content, learners are no longer limited by strict timetables or geographical boundaries. Because of this adaptability, students may make their educational experiences fit around their busy schedules, which is great for those who are trying to balance work, family, and other obligations. Education becomes a dynamic and adaptable undertaking for all when it is



flexible enough to accommodate varied learning styles, preferences, and living situations. The relevance of this goes beyond just being convenient; it fosters inclusivity.

Additionally, the introduction of e-learning causes a transformation in the function of trainers and educators, leading to a change from the sage on stage to the sidekick. In the conventional view of education, teachers present information to students who sit back and take it all in. A learner-centric approach is promoted by e-learning systems, which enable learners to actively engage with the information. Teachers take on the roles of guides, curators, and mentors as they lead students through interactive modules, encourage group work, and provide specific comments. Emphasizing the significance of developing critical thinking, problem-solving abilities, and habits of lifelong learning, this change in educational dynamics represents a realization of the various requirements and learning paces of individuals.

In addition, e-learning platforms are designed to be adjustable, so each user can have a unique learning experience based on their preferences and needs. With the use of data analytics and smart algorithms, platforms can track students' development, pinpoint their areas of strength and improvement, and suggest unique courses of study. Personalized learning is important because it can meet the needs of each student by adapting to their own preferences, learning styles, and speed. In addition to improving understanding and memorization, this personalized method encourages students to take charge of their own education by giving them more agency over their own learning.

Online education has rapidly grown in importance as a tool for professional growth in the business world. Because of how quickly things change in the corporate world, it is essential that workers are always learning new things and keeping up with the latest trends. To address these ever-changing training requirements, e-learning platforms provide an affordable and scalable option. In order to ensure that their employees have access to the most recent and relevant training materials, organizations can implement e-learning modules covering a broad variety of subjects, from technical capabilities to soft skills. Training must be delivered with agility in today's competitive climate, where organizations must be able to adapt and learn continuously to succeed.

The incorporation of gamification features into e-learning systems enhances its impact on professional development even further. The term "gamification" refers to the practice of enhancing the learning process by including game-like features like leaderboards, interactive



scenarios, and badges. A dynamic and engaging learning environment is created by e-learning platforms through the use of components such as competition, reward, and cooperation. Organizations can benefit greatly from gamification because of its capacity to boost motivation, engage learners more, and foster a positive learning culture. By making learning more engaging and fun, we can increase the likelihood that our employees will accept and even thrive in this environment.

In order to meet the worldwide demand for a workforce that is proficient in modern skills, the adoption of online learning platforms is crucial. A never-ending loop of upskilling and reskilling is required due to the fast change in technology and industry demands. E-learning platforms are perfect for providing timely and relevant skill development programs because of their scalability and agility. This is especially important for careers in IT, where knowledge of new tools and techniques is constantly evolving and where technical expertise has a short shelf life. Online education is crucial for skill development because it allows students to acquire the knowledge and abilities that employers are looking for without having to leave the comfort of their own homes.

This educational paradigm is even more important because of the collaborative capabilities that are built into many e-learning systems. Students from all around the world can work together on projects, have meaningful conversations, and share what they've learned. Not only does this encourage students to work together, but it also broadens their horizons and enhances their learning experience. The changing dynamics of today's workplace necessitate the development of abilities such as global collaboration, communication, and teamwork, and the collaborative nature of online learning reflects this trend. The importance is not just in learning about the subject at hand, but also in gaining the kind of interpersonal and cross-cultural competence that is in high demand in today's globalized society.

Furthermore, it is impossible to exaggerate the importance of online education in encouraging a mindset of lifelong learning. In today's fast-paced world of ever-changing technology and employment demands, continuous learning is seen as an absolute must. The materials and technologies made available by e-learning platforms allow people to continue learning even after they graduate from high school. Anyone can take use of e-learning to learn at their own speed, whether it's out of genuine interest, the desire to move up the corporate ladder, or the necessity to keep up with the ever-changing employment market. Due to the widespread



availability of online education, more and more people are able to direct their own career advancement and meet the dynamic challenges of the modern workplace.

One way in which e-learning can be adapted is by accommodating different types of learning styles. Whatever your learning style—visual, auditory, kinesthetic, or read/write—e-learning platforms have something for you. In order to accommodate various learning styles, it is possible to smoothly incorporate multimedia components, interactive simulations, video lectures, and textual content. Education has the ability to become more inclusive and accessible for persons with varied learning needs, including those with disabilities. This adaptability is significant because of this possibility. When made accessible, e-learning platforms help level the playing field in terms of access to quality education.

The importance of e-learning in encouraging a creative mindset is shown by its function in developing analytical and problem-solving abilities. A large number of online courses purposefully put students in situations where they will face real-world problems. Going beyond simple memorizing, this method pushes students to think critically, come up with creative solutions, and put their theoretical knowledge into practice. In a knowledge-based economy, where originality and problem-solving skills are highly prized, this focus on critical thinking is in line with what is required. A mindset that emphasizes inquiry, experimentation, and continual improvement may be fostered through e-learning, which is why it is significant for supporting innovation.

The fact that e-learning can accommodate a wide range of learners—those with varying preferences, learning speeds, and learning styles—only adds to its importance. There is a risk that traditional educational approaches, which aim to meet the needs of all students in the same way, will fail to meet those needs. Because of its adaptive technology and customizable learning pathways, e-learning systems are able to meet the unique requirements of each learner. The introduction of e-learning is reshaping the landscape of education, professional development, and lifelong learning, making inclusion all the more important in the setting of different global learners with varying linguistic, cultural, and educational backgrounds. With its revolutionary pedagogical techniques, capacity to answer the changing requirements of the workforce, and ability to democratize access to education, e-learning is a transformative force. Anyone, from any walk of life, can start their own unique path to knowledge because to the adaptable, collaborative, and inclusive character of e-learning platforms. In this age of constant innovation and technological growth, the value of online education in creating well-

informed, competent, and flexible global citizens is immense. Online education is more than just a means of transmitting knowledge; it also fosters independence, creativity, and a thirst for knowledge that knows no bounds.

PERFORMANCE OF E-LEARNING IMPLEMENTATION

The effectiveness and influence of e-learning on the educational scene can be measured by how well it is put into practice. Analyzing e-learning performance from several angles reveals how this digital paradigm is changing the face of education and how people learn in all kinds of settings. A number of critical components, including technical infrastructure, instructional design, learner engagement, and outcomes assessment, must be in place for an e-learning implementation to be successful. Exploring the complexities of e-learning performance reveals that this innovative method of education is more than simply a means of disseminating information; it is a game-changer that can revolutionize the way we learn and use what we know.

When it comes to the effectiveness of online education, the technological framework is paramount. Strong and trustworthy technical foundations are essential for e-learning platforms to perform without a hitch. For an e-learning infrastructure to work, it needs components like good hardware, reliable internet, and software that is easy to use. An important function of a solid technological base is to ensure that students have a distraction-free environment in which to study. Learners can become frustrated and the e-learning environment can suffer from delayed loading times, system crashes, or other technical issues that interrupt the learning flow.

An additional key component of performance is the e-learning platform's flexibility to various devices and operating systems. Students interact with online course materials using mobile phones, tablets, and PCs. An improved user experience is achieved when e-learning platforms are designed to work seamlessly across various screen sizes, operating systems, and browsers. Ensuring device compatibility is crucial because it improves accessibility, which in turn allows learners to easily access educational content on whichever device they like. Because it creates a learning environment that caters to a variety of technical preferences, an inclusive and responsive design improves the overall performance of e-learning.

Another important factor that determines how well an e-learning program works is the instructional design. The success of online learning environments is heavily dependent on the



design, delivery, and evaluation of course materials. The components of an effective instructional design include well-defined learning outcomes, interesting multimedia, interactive evaluations, and structured content. Improving students' ability to understand, remember, and apply what they've learned is the primary goal of good instructional design. By adhering to pedagogical principles, an online course may guarantee that its material is both interesting and useful for students, encouraging them to actively participate in their own education.

In addition, e-learning is greatly improved when multimedia components like films, animations, and simulations are used. Including visual and interactive components improves the learning experience as a whole and accommodates different types of learners. The power of multimedia to simplify difficult ideas is what makes it so valuable in online education; it makes the material more approachable and keeps students' attention. Interactive and aesthetically pleasing material is more likely to keep students engaged and on task. Therefore, the success of online learning platforms depends on how well multimedia components are integrated to enhance the instructional value of the digital setting.

A key component of performance evaluation is the level of interactivity within e-learning systems. Learning environments are dynamic and effective when students actively interact with the material, contribute to class discussions, and work together with their classmates. Interactive exams, group projects, and discussion forums encourage students to work together and build a sense of belonging in the learning community. Interactivity is important because it can make learning more like a real-life experience, encourage critical thinking, and open doors to real-world application of information. Recognizing the significance of student engagement, a performance-oriented e-learning platform integrates interactive features that turn education into a collaborative and participatory experience.

The effectiveness of online education is also heavily impacted by the participation of teachers and other facilitators. While technology plays a significant role, human connection is still essential for e-learning platforms to be effective. Teachers are crucial because they direct students, critique their work, and lead class discussions. Learner motivation, understanding, and the overall success of the educational experience are impacted by good instructor participation. When teachers participate in class discussions, encourage a growth mindset among students, and provide useful criticism when students ask for it, online learning environments thrive.



Important factors to examine when evaluating the efficacy of e-learning platforms are their scalability and adaptability, especially when considering the ever-changing demands of education. Organizations and educational institutions need scalability in their e-learning systems to meet the demands of an ever-increasing user base. Integrating new technology, updating material, and responding to developing educational trends are all aspects of flexibility that make a platform significant. Maintaining responsiveness and efficiency as the number of users increases is the goal of a scalable e-learning system. Ability to change and adapt to educational landscape dynamics is a hallmark of a performance-driven e-learning platform.

Evaluating the success of e-learning initiatives also requires careful attention to the measurement and evaluation of learner outcomes. The true value of online education lies in the way it influences students' ability to learn, grow as individuals, and apply what they've learned in practical situations. An integral part of any e-learning platform should include a set of reliable assessment tools, including tests, quizzes, projects, and simulations. How well these evaluation tools work is a good indicator of how well the course was taught. Furthermore, by monitoring and evaluating data on how well learners have completed the e-learning program, important information about its strengths and areas for improvement can be uncovered, allowing for ongoing enhancements and adjustments.

In recent years, e-learning analytics has grown in prominence as a potent resource for studying and bettering online education systems. Learners' engagement, progress, and problem areas can be thoroughly documented with the use of analytics tools. When used to improve material delivery, spot patterns in student behavior, and guide instructional design, e-learning analytics can be a game-changer. Analytics provide administrators and teachers with actionable information about the efficacy of e-learning programs, paving the way for evidence-based policymaking and the ongoing refinement of teaching methods.

Online learning management systems are even more effective when they include evaluation and feedback tools. In order for students to gauge their own development, pinpoint problem areas, and solidify their grasp of important ideas, timely and constructive feedback is essential. Both formative and summative evaluation rely on well-designed assessment and feedback systems, which are crucial for directing students' learning and fostering an environment of constant growth. E-learning platforms work better as a whole when they have



well-thought-out evaluation and feedback systems in place, which provide a more accommodating and dynamic learning atmosphere.

Critical components of evaluating the efficacy of e-learning initiatives include security and privacy concerns. It is critical to guarantee the security and privacy of sensitive learner data handled via digital platforms. The capacity to safeguard student information from intrusion, breaches, or misuse is the key function of strong security protocols. In order to keep student data secure, e-learning platforms must follow all applicable laws and industry standards. Students and businesses alike can rest easy knowing that their personal information is well-protected in performance-driven e-learning systems.

One of the most important aspects of effective e-learning platforms is how easy it is to use them. A hallmark of inclusive e-learning is making sure that instructional content can be accessed by people with various needs, including disability. To ensure that all students have equal opportunity to engage with educational material, accessibility is crucial since it is in line with diversity and equity ideals. Screen reader compatibility, alternative text for multimedia elements, keyboard navigation, and performance-oriented e-learning platforms all work together to make online learning accessible to people with a wide range of abilities.

Integrating e-learning platforms with LMSs and other technical ecosystems makes a difference to their performance. By improving data flow, simplifying administrative processes, and easing content exchange, e-learning is improved when tools and platforms work together seamlessly. A well-integrated system has the ability to build an integrated educational ecosystem where administrators, teachers, and students all have easy access to all the materials they need. To improve productivity, teamwork, and the user experience as a whole, a performance-driven e-learning deployment makes use of integrated technology.

The influence of effective e-learning goes well beyond traditional classrooms and into settings like corporate training and individual professional development. To gauge the efficacy of their e-learning platforms, businesses should look at how well they helped their employees achieve their individual learning goals, how much they improved their job performance, and how much they contributed to the overall organization's objectives. Online education is becoming increasingly important in the business world due to its capacity to offer affordable and scalable training options. This helps employees keep up with industry trends and gain the skills they need to progress in their careers. Alignment with



organizational objectives and contribution to workforce development are intimately related to the performance of e-learning in corporate contexts.

Evaluation of e-learning performance covers a wide range of aspects, including technical infrastructure, instructional design, learner engagement, outcomes assessment, and the overall influence on professional and educational growth. The promise of e-learning to break down barriers in education, make information more accessible to more people, and allow students more control over their own learning is what makes it so important. To make sure e-learning is effective in defining the future of education and professional development, it is essential to evaluate its performance as it changes and incorporates new technology. By focusing on student outcomes, a performance-driven strategy for online education recognizes that learning is inherently fluid and presents digital platforms as agents of constructive educational change in a dynamic and unpredictable world.

THROUGH E-LEARNING IMPLEMENTATION IN CORPORATE SECTOR

Online education has quickly become an industry game-changer, causing a sea change in how companies train and develop their employees. An innovative and flexible strategy for skill development, information acquisition, and talent cultivation is being fostered by the widespread adoption of online learning programs in business settings. The influence of e-learning on the business world is becoming more and more obvious as more and more companies see the value in using digital tools to improve employee education. This investigation dives into the many facets of e-learning deployment in the business world, illuminating its relevance, difficulties, and possibilities for molding a more adaptable and competent workforce.

The understanding that modern workplaces are always evolving is fundamental to the adoption of e-learning in the business world. A workforce that can swiftly adapt and acquire new capabilities is essential in today's fast-paced world of rapidly changing technology, markets, and skill needs. In response to these issues, e-learning has emerged as a viable, efficient, and scalable option, allowing businesses to provide training and development programs regardless of participants' locations or availability. Staff members are encouraged to study and advance in their careers at their own speed because to this adaptability, which promotes a growth mindset.



Among the many benefits of online education for businesses is the money it saves. There are a lot of hidden costs associated with traditional training methods, such as the cost of venues, supplies, and travel. E-learning, which offers a digital platform for training delivery, helps to reduce these expenditures. Companies looking for solutions that can scale to support a large and distributed workforce should prioritize this cost-effectiveness. By reallocating the cost savings from e-learning to other strategic initiatives, organizations may improve their overall efficiency and make the most of their resources.

In addition, the difficulty of standardizing training materials and guaranteeing uniform delivery across varied teams is a problem that e-learning solves for businesses. Organizations may ensure that all employees receive high-quality training by creating standardized modules and implementing them through centralized learning management systems (LMS). Industries with strict compliance standards must prioritize this standardization because it ensures uniformity in the transfer of knowledge. To make sure that workers have the most up-to-date knowledge for their jobs, e-learning platforms let you create standardized content that can be updated in real-time.

The efficiency of e-learning in the corporate sector is further enhanced by its adaptation to diverse learning styles and preferences. A diverse workforce may have unique learning requirements that are difficult for traditional training approaches to meet. In contrast, e-learning systems typically make use of interactive assessments, a variety of instructional methods, and multimedia components to cater to students with varying learning styles. Because of this flexibility, workers are more invested in what they are learning, which improves their capacity to remember what they've learned and put it to use in the real world.

Online education promotes a mindset of continual learning, which is especially important in the business world, where new skills and ideas are always being developed. Employees are given more agency over their own professional development when they have on-demand access to a variety of courses and modules. Employees are able to personalize their learning paths in accordance with their professional objectives and the objectives of their company by making use of e-learning platforms, which provide a library of materials spanning a wide range of subjects, from technical to soft skills. Employee engagement and morale are both boosted by this self-directed learning paradigm, which also helps the workforce adapt more quickly to changing business demands.



Nevertheless, there are obstacles to overcome in order to successfully deploy e-learning in the corporate sector. Employees used to the old ways of training sometimes show resistance to change, which is a big problem. In order to overcome this reluctance, it is necessary to use effective change management methods, communicate clearly about the benefits of e-learning, and show how it will positively affect professional development on both an individual and group level. In order to successfully implement e-learning, organizations should cultivate a culture that welcomes new ideas and places a premium on lifelong learning.

Assuring the content's quality and relevancy is another obstacle to e-learning implementation. For online education to be successful, relevant, and up-to-date content that supports business goals must be readily available. Experts in the field, instructional designers, and e-learning specialists must work together to create and organize this kind of content. Furthermore, businesses should put money into powerful CMSs to guarantee that information is accessible and delivered without a hitch across all devices and platforms.

Online training in the business world isn't complete without methods of evaluation and monitoring progress. Efficient analytics and reporting capabilities included into the e-learning platform are essential for determining the efficacy of training programs, measuring employee performance, and pinpointing improvement opportunities. Learner progress, engagement levels, and the training's overall influence on business goals can be better understood with the use of these tools. Improve your current e-learning programs and make better strategic decisions about talent management and workforce development with the help of comprehensive data.

Since private company and employee information is at risk, security is of the utmost importance when thinking about introducing e-learning into the business world. Protecting the privacy and security of online learning environments requires stringent cybersecurity measures, including data encryption and conformity with relevant industry standards. If businesses want their employees to feel safe using their company's e-learning platform, they need to implement secure hosting solutions, perform regular security assessments, and communicate clear privacy and data protection policies to staff.

Organizations with expanding or globally distributed workforces should carefully assess the scalability of e-learning platforms. A system that can easily handle an increasing number of users while keeping performance at its best must be implemented. Ensuring scalability allows



firms to easily adjust their e-learning infrastructure to meet changing needs. This includes adding new training courses, expanding into new markets, or onboarding additional staff. If businesses want their talent development plans to last, they need an e-learning platform that can grow with them.

A new way of thinking about training and professional development has emerged with the rise of online education in the business world. Online education is a potent instrument for molding a competent and nimble workforce because of its many benefits, such as its low cost, content standardization, flexibility to different learning styles, and promotion of a learning culture that never stops learning. Although there are several issues that need to be resolved, including reluctance to change, material quality, assessment methods, security worries, and scalability, the advantages that could be gained are substantial.

Adapting to the ever-changing business world is all about being ahead of the curve. With technology changing at a quick pace and market conditions constantly shifting, companies that use e-learning to grow their talent will be the ones to survive. In today's fast-paced, globally interconnected business world, an organization's capacity to offer its employees learning opportunities that are accessible, relevant, and engaging is a key factor in both individual and organizational success. Without a doubt, the development and effective execution of e-learning programs will determine the fate of corporate training in the years to come.

CONCLUSION

It is self-evident that e-learning is a successful tool for educating and training the workforce. In recent years, the use of e-learning in the workplace has increased and is likely to continue to do so in the near future. Corporate interest in e-learning methods for training workforce is spurred by reasons such as the sessions' high quality, on-demand delivery, and cost-effectiveness. Current pandemic has also accelerated the adoption of eLearning across Indian corporate sector.

REFERENCES

1. Simmons, E. L., D'Angelo, D. C., & Cataline, J. (2017). Global classrooms: Creating international collaborative initiatives. In *Unplugging the Classroom: Teaching with Technologies to Promote Students' Lifelong Learning*. Elsevier Ltd.



<https://doi.org/10.1016/B978-0-08-102035-7.00015-1>

2. Stearns, S. A. (2017). Integration: Theory to everyday life. In *Unplugging the Classroom: Teaching with Technologies to Promote Students' Lifelong Learning*. Elsevier Ltd. <https://doi.org/10.1016/B978-0-08-102035-7.00016-3>
3. Zumbo, B., & Rupp, A. (2012). Responsible Modeling of Measurement Data for Appropriate Inferences: Important Advances in Reliability and Validity Theory. In *The SAGE Handbook of Quantitative Methodology for the Social Sciences*. <https://doi.org/10.4135/9781412986311.n4>
4. Almajali, D. A. Masa'deh, R., & Al -Dmour, R. (2016). "The Role of Information Technology in Motivating Students to Accept E -Learning Adoption in Universities: A Case Study in Jordanian Universities" . *Journal of Business & Management (COES&RJ - JBM)*, 4 (1), 36-46.
5. Al-Qahtani, M., Al -Qahtani, M., & Al -Misehal, H. (2013)," Learner Satisfaction of E-Learning in Workplace: Case of Oil Company in Middle East" . 2013 Tenth International Conference on Information Technology: New Generations (ITNG), pp. 294–298.
6. Driscoll, M. (2002). *Web-based training; creating e-learning experiences* (2nd ed.). San Francisco: Jossey-Bass/Pfeiffer.
7. EC [European Commission] (2001). *Communication from the commission to the council and the European parliament: the e-Learning action plan*, Brussels, 28.3.
8. Ekta Srivastava and Dr Nisha Agarwal (2013); *E-learning: New trend in Education and Training Int. J. of Adv. Res. (10). 0] (ISSN 2320 -5407)*.
9. Cieminski, G., & Kiritsis, D. (2016). Current trends on ICT technologies for enterprise information systems. *Computers in Industry*, 79, 14 --33.
10. Engelbrecht, E. (2005). Adapting to changing expectations: Postgraduate students' experience of an e-learning tax program. *Computers and Education*, 45(2), 217–229.
11. G V Shangeerthana, K Chandrasekar, October - December, 2018. Corporate e- learning: factors determining the behavioural change of elearners . *International Journal of Advance and Innovative R esearch Volume 5, Issue 4 (XVI)*



12. Giannakos, M. N., Chorianopoulos, K., & Chrisochoides, N. (2015). Making sense of video analytics: Lessons learned from clickstream interactions, attitudes, and learning outcome in a video-assisted course. *The International Review of Research in Open and Distributed Learning*,
13. Giannakos, M. N., Jaccheri, L., & Krogstie, J. (2016). Exploring the relationship between video lecture usage patterns and students' attitudes. *British Journal of Educational Technology*, 47(6), 1259–1275.
14. Gupta Asha. (2008), *Education in the 21st Century: Looking Beyond University* Shipra Publications, Delhi.