



TRANSFORMING AND TRANSMUTING SKILL THROUGH DIGITAL TECHNOLOGY- A FUTURISTIC ASSESSMENT

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ABSTRACT

Skill is important for evolving job trends. So, to adapt to those jobs we need dynamic skills, which are not easy to learn through a physical medium. So to learn the dynamic skill, technology is used as the intermediary between the learners and the giver of the skill. Now we are in the 4th industrial revolution, which stresses more on the technology-oriented aspects, the motto is to strengthen learning, the willingness to learn and the ability to learn, unlearn, and relearn around the current and future workforce. The technology will be used in the nook and corner of the sectors to give the best output. Automation has been included in the major sector to minimize the cost. Likewise, technology will play a crucial role in the learning process as well as the medium of delivering the skill to the required person. Automation will take over the millions of people who are depending on the work which is done by automation.

To protect the job, the person needs to upgrade the skills associated with the job, that he is dependent on or change the job where he can acquire the skills related to the new job. How the skill is thought to the learners, the difficulties faced by the learners with technology and without technology in the learning process of new skills, and the future approaches that will be used in the process of teaching a skill to the learners. The approaches that to teach a skill will be a dynamic way to enhance the learning experiences. India initiated a movement called Digital India, to use technology in every sector of the environment to fulfill the present demand. Artificial intelligence is being used in the education sector to teach learners new experiences

Keywords: *dynamic skill, technology, the 4th industrial revolution, automation, Digital India*

INTRODUCTION

The world is facing a recession. Many are losing their valuable jobs and face economic instability. The layoffs are happening from large corporate to small companies. The requirement for the job described by the company is increasing due to new technology that is penetrating the job environment on the daily basis. To tackle the situation, a job-going concern or the entrepreneur needs to update the skill to tackle the dynamic environment. The offline mode of skill learning will not suit the majority of the people, who wish to update their skills. Technology is the simple way in delivering the required skill at the required time. The revolution of technology leads to a new way of delivering the required skill in a convenient time which could be in a dynamic way of changing it to the need of the person who is assessing it. From commerce to engineering even diploma students are in the need of new skills. Which will mold them to the dynamic environment in a convenient way. Life is a simple way of fulfilling the need which is more convenient in the form of life needs, but satisfying life needs is tougher due to the dynamic environment in the form of the job to the persons. This requires the skill, which will enhance the experience of the job for the person, in different dimensions like knowing the skill, applying the skill, and learning from the mistake. Technology will help the person who is learning the skill, by finding the areas where the person is not confident. By evolving the areas which are learned by the student. The approach towards the learning will be in different dimensions of using the technology, like animated approach, video lecturing, conducting the test, and analyzing the results to find the lacking space of the student towards the skill.

OBJECTIVE OF THE STUDY

1. main objective behind the study will help me grasp some knowledge that is not known in the field of learning a new skill using technology.
2. The motto behind every prospect of this study is to know the regions of skills and provide clear thought to the readers.
3. Every sector demands some skills, the skills might dynamically change to the need. So, when a person cannot stop learning the skill, due to dynamic needs in the sector.

The skills cannot be learned in the manual process to tackle these situations. So, technology is invaded in the process of learning to customize our learning patterns to our needs. The key areas that the technology used at present and the futuristic skill learning will be discussed in the paper

RESEARCH METHODOLOGY

In this study, a theoretical way of approach has been used in the paper to discuss the key areas of technology that have been used in the learning stage of a new skill. The new skill is demanded by the sectors to the employee. The viable areas are been discussed which use technology to teach the skill to the desired participant of those who learns the skill.

REVOLUTION OF TECHNOLOGY IN SKILLS

So, technology plays a vital role in every sector that is bonded with us for the day-to-day activities that we do. From the alarm, the technology starts and continues till the usage of mobiles. The technological aspect is dominating us in the key areas of our life. Education is also provided through technology, from the kindergarten level to higher education. Even graduation can be completed through technology. Graduation only cannot yield job opportunities, but the skills are also needed. The physical way of giving the skill cannot be used in all areas. Technology has been used in those areas where physical teaching is not possible

ARTIFICIAL INTELLIGENCE

The revolution in technology has started slowly to eradicate humans in various fields. The education sector also the AI started to evolve slowly. AI saves human time compared to the previous technologies and approaches that have been used in the past. Skill development also be acquired through the usage of AI in our learning process.

THE ADVANTAGES OF AI IN THE LEARNING FIELD ARE

- Identifying the knowledge of learners
- Learners could easily get the accurate study material
- The learning can be customized
- 24/7, learning can be done through a digital medium
- We can easily access our knowledge in the learning process

COMMUNICATION

India is a multi-diversified Language oriented country. Communication describes the thing that the sender wants to convey to the receiver. Language is the medium of communication between the persons, the communication plays a very crucial role because a person cannot learn all the languages. To overcome this issue a common language is used, which is English. Whichever job we are choosing, communication plays an important role in the selection process.

To improvise communication skills. The person who wants to learn the skill may be in a physical method of learning or using technology. The physical method includes live communication in front of the trainer and the trainer will correct our mistakes. Which is a long process and takes time. Which is very hard right now to manage the physical way of learning. It is very hard to separate the time for skill learning through a physical approach

To manage the such thing, technology is used to facilitate teaching the skills. At present we can connect ourselves in video conferences to interact with the skill trainer, where we can choose the place which is convenient for us.

Where we require the appropriate gadgets and the internet facility. Where a large number of learners can participate at a single time. Where it will remove our stage of fear

AI are also been used to teach communication skills. Where the learners can speak in front of the AI. Where AI itself will correct the mistakes. The accuracy will also be in a perfect state compared to the physical tutor of the skills.

TECHNOLOGY AIDS COMMUNICATION SKILL

- Time could be saved
- Flexibility in learning
- Easy way to interact with the teacher
- Lower cost
- Better results

CREATIVITY IN THE FIELD OF DECISION MAKING

The dynamic environment tends the attractive thing as the decision for a problem that the company faces to attract customers. Creativity is bonded with us from our kindergarten. Creativity allows us to give a new idea to a problem. So, the dynamic environment gives dynamic problems. The organization recruits the person based on their creative skill and the approach to the problem by using empathy.

To grow our creative thinking, we should practically approach the problem, which could also give some suggestions to the representative of that problem. So the practical approach is very helpful but all the time the practical way of facing the problem. Penetration of technology in all sectors allows the person to interact with the problem using video conferences and has separate software to entertain the problems, where we can give our suggestions to the problem and the software also suggest the respondents.

Video conferences also trend the present community to interact with others through online mode. After pandemic the technology usage has increased. Through video conferences, we can easily interact with industry experts. Where they could also express their problems and the solution that have been used to solve the problem. Which could give some exposure to the problem and the solution to the listeners.

Using AI also we can experience new kinds of creativity toward the problem by finding the solution. Virtual reality could also give a physical level experiencing of a problem through online mode.

THE ADVANTAGE OF USING TECHNOLOGY IN THE FIELD OF DECISION MAKING FOR ENHANCING CREATIVITY

- Time-saving
- Develops creativity in decision making
- Flexible way of finding the solutions

LEARNING PLATFORMS FOR ENHANCING TECHNOLOGY IN SKILLS

The platforms like

- Skillshare
- Coursera
- LinkedIn Learning
- edX
- Codecademy
- Pluralsight
- CreativeLive
- FITA Academy

The above-mentioned platform teaches the skill which we are needed or demanded by the industries. The skill can be textured through physical medium also but the time will be consumed more. So, the technological way of learning will consume less time compared to the physical mode of teaching

CONCLUSION

At present we are using technology to recreate ourselves from stress. Life needs also tend the person to get the proper job or start a business to survive. To get the job the highest qualification alone cannot sustain the job. He needs additional skills to retain the job. The physical method of teaching will be eradicated by technology, for the teaching of the skills. The world is facing the direction of technology and adapting to the new environment where technology will dictate the needs of the person. The technological aspect will be dictated in every sector and surpass the present trend. So, the learning of new skills will influence us in the medium of technology.

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