

Challenges of Education in Skill Development and Computer Literacy

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ABSTRACT

Every life on the earth is developing itself by imitating and learning through the surrounding including human being. Human being are also doing the same but only different is that based on the intellect level, they made their life very ease and comfortable. Training to animal to survive on the earth is informal by their parent. The change between human and animal is that human being gets two types of training which they call as education i.e. informal and formal. Informal which they take at home from family, friend etc. and formal which they get in the schooling, colleges etc. Now-a-day, the concept of formal education is connected with e-learning, use of technical tools as teaching aids with giving knowledge of computer literacy from early schooling to higher education. Moreover, the professional skill development is one more concept of current technical era. There are numerous benefits as well as challenges while applying these assets at educational level. The aim of current study is to focus on the challenges in both development of professional skills and computer literacy at higher education in India.

Keywords: Education, professional, skill, computer, development, literacy etc.

INTRODUCTION

There is no limit to develop the skills of human being. There vary individual-to-individual. Even, we can't define the specific persons could have only so-and-so skill. The skill can be achieved by practice only. It can be acquired. Talking about current scenario of the universal level about education and professional development, skill based courses are important moreover, we can say they are mandatory for good career. Furthermore, now many technical skills are required for house-hold task also as gas booking is now on phone-call, train ticket reservation can easily availed via internet from home, private luxury buses are also having the same facilities, few of government bases also having same facilities for ticket booking. Therefore, we can say that technical skills are mandatory in this global and technical era for living easy and comfort life. The aim of current paper is to focus on the skills and challenges in acquiring skills and computer literacy in developing country like India because most of the population of India is living at countryside where there are major problems of using technical tools and hard to acquire computer literacy. Hence, there are numerous challenges in acquiring skill in India.

In ancient era, there were several groups of society who were divided on the basis of skill which they have and that are used for social commination when the concept of money was not exciting. Only assets were exchanged by society as their preparation based on acquired skill.

Era changed, need changes, communication patter of society is changed. People have started to exchange the assets by giving money with defined rate by the seller. Then Industrial sector arose which has again gave change in the pattern of human living style. Now, in this current, technical era, presentation to ourselves through acquired skill connected with concem profession is one of the mandatory quality. Even now one can't do any task without having computer literacy in any profession including farming because of increasing dependency on technology. Therefore, researcher studied on the several topics, observed in surrounding, collected data from different valid resources and as an outcome of it, following challenges in education for skill development and computer literacy are explained:

- a. **Lack of Infrastructure:** This is the major challenge to develop the skills amongst students about computer and other professional skills as most of the schooling and higher school level institutions are running in the rural sectors of the location. In this rural sectors, there is lack of availability of supporting infrastructure to teach and to make student for the habitual with the use of technical tools, computers, online submission of required data etc.

For example: The school running in rural part of India got the computers and other required equipment are made available for the school to teach students basic literacy of computer. But is it sufficient to acquire the knowledge and skill required for computer literacy. Answer is “No” because it requires internet availability, electricity. In rural part of the India most of the time, no electricity is there and same for internet connectivity. Therefore, the first and foremost challenge in computer literacy development in Education sectors in India is lack of infrastructure.

- b. **Lack of Skill Trainer:** Another foremost important challenge for computer literacy is proper trainer of teacher to teach it. It doesn't mean, there are no perfect teacher, it means, they are not ready to go in rural part of the Nation to teach these skills due to improper facilities for living life. There may be another more reasons behind it as due to rural sector, due to less salary, may be they feel they need to take more efforts to teach computer literacy the rural pupil and many more. But because of it, we found the lack of skilled trainer in the rural part of India which is one of major challenge in education to make perfection in skills to students of rural background or learning in rural schools.
- c. **Salary:** The next comes salary. As far as professional courses and computer literacy is concern, in Indian schools, these course are most run on non-grant basis in Indian schools and colleges. Salary is the main component of working/job. Due to non-grant basis pattern, educational institutions are not able to pay huge salary to the teachers or trainer while on the other side in metro cities these faculties are able to get more and satisfactory salaries in IT Companies or IT sectors.
- d. **Lack of Motivation:** It is the common tendency of human being not accept any new thing or new knowledge easily. Most of the time, we are ready to give negative comments on such new invented things and always play a back batters role for the same. Such thing keep away ourselves from getting new knowledge. Then, it works as an negative aspect to get new knowledge of skills and computer literacy. Therefore, due to this lack of motivation, it is very hard to give the knowledge of new professional skills and computer literacy.
- e. **Lack of Confidence:** Another affecting aspect in acquiring the knowledge of computer literacy and professional skill is lack of confidence. Students are not ready or taking initiatives to learn such skill due to anxiety. There are feeling anxiety due to their lack of confident, they feel fear of teachers due to the cost of computer and other technical tools as if they will made any mistake, it may damage this high cost equipment, they might be punished in the nature of funding capital to repair. Likewise, there are many reason of students' lack of confidence in practically working on these technical related, computer related tools which are useful in computer literacy.
- f. **Differences in Abilities:** Individual has different skills and different abilities which he/she might be able to find it or may not be able to identify it. Expecting the same ability from each student will create a road break in teaching computer literacy to them. We may find many examples of student who lacks core ability to acquire the skill related to learning programs of computers. Programming is the base of computer literacy and the professional of computer requires the skill and knowledge of programming. Programing requires the skills of problem-solving, coding, analysing the solved problems with using various computer tools to understand the entire process of programming in computers of soft-wares used for computer literacy.
- g. **Lack of Training Courses:** Continues upgradation and improvement is one of the major feature of current era. In computer field, we found drastic changes in respect to computer's features, application, soft-wares and so on. New models of computer in Nano size, new features of new application and other changes are required training to handle it properly. Therefore, it needs training to each teacher, when they are asked to teach new soft-wares and new approaches of computers and skills required with it.
- h. **Lack of Professional Training:** Development in computer literacy is opening doors for students in IT sectors. Students are getting more chances in IT sector but they need to complete professional skill and soft skill for their bright career. Therefore, they need to have proper professional training required for IT sectors. Following are the challenges faced by students and educators' facing in acquiring soft-skills and professional skill:

- **Lack of Communication Skill:** Professionals required proper communication skill in each and every organization. Specially those who are working in IT sectors, they need proper communication skill and adequate knowledge of English and other language for both oral and written communication. Formal written drafting on computer and mostly on mail are now becomes mandatory part of current global era.
- **Accreditation and Validation:** In education field, today the role of computer literacy is playing the major role in its grading scale. To maintain the quality in education, in higher education accreditation and validation of accreditation process is mandatory. NAAC, NBA, AICTE etc. ate agencies which are approved government agencies which are giving grade to higher educational institutions of India for all programmes including Traditional and Professional courses. These accreditation process now the organization has to do via online formalities. These formalities need extend knowledge of computers to all teaching, non-teaching staff of the college to fulfil the required data for the accreditation process. Lack of professional and technical skills to complete the process of accreditation and validation create a trouble in higher educational institutions and its grading process.
- **Lack of Interest of Individuals:** India has not the problem of employment. It has the problem of employable manpower. Yet, the scenario of education system is not changed. The flow of learner is towards traditional sources in most of the rural part of India. The government of India has giving several facilities to the students to motivate them to complete the technical courses such as ITI in various trades as mechanical, electrical, civil and so on with the aim of getting immediate job for as a career part. Even courses in fashion designing, beauty-parlour are made available for girls as a part of women empowerment. But there is less interest of individuals towards such courses. Government has started the course on free of cost under the PM Modi scheme as Skill Development Course in India, but same thing found there is lack of Individual's interest in it.
- **Lack of Knowledge about skill course and benefit of skill base courses:** AS mentioned above skill based professional course are available in various forms in India, but yet there are various sectors of rural part of India, where such kinds of information is not reached. Lack of this knowledge is also one challenge in education sector to develop the skills amongst students. Some time they know but they don't know what the benefits of completing these course is. Therefore, it is the challenge to education system to provide the knowledge of such skill based course to all the sectors of India as well as provide it's important for their future life.
- i. **Lack of Capital Investment:** Capital is required for purchasing computers and other equipment including software. To use digital teaching method in classroom for teaching-learning process, capital investment is important factor. But most the educational institutions are facing the problems to generate the fund for the purchasing the computers. It is found that in few educational institution got the computer via donation form but most of them later found damaged or used for long time so not working properly. Such kinds of many problems, educational institutions ate facing to generate the fund for the availability of computers in their institution for students computer literacy.
- j. **Fear of Parent about computer Literacy:** Computer literacy has created one of major drawback for society that is over use of social media. Though, there are many challenges in rural part of India, it doesn't mean that urban sector of nation is not having any issue regarding to computer literacy. Fear of parent is global challenge in education system and society. The youth and growing children are running the morality due to computer literacy. Social media is creating cultural pollution and it's the trouble to top to lower level of society. Moreover, the generation is becoming addicted with playing games. There are various cases of family disturbance, due to overuse of social media. The marriage life of many youth and families are disturbed due to social media which is the part of computer literacy or technical skills. Games, face-book user, twitter users, Instagram users, whatsapp user are increased in this technical age. Such side-effects of social media are creating fear to parents and due to it they are not interested in computer literacy and its knowledge to their kids.
- k. **Lack of Technical Operator:** There are various problem in education sector of the introducing and developing computer literacy, computer skills as well as professional skill. Lack of technical operator to maintain the computer and e-tools is one of the major challenges to education systems. it is not easy to avail the technical operator who will work for maintenance of computers in schools, colleges in rural

sector and semi-urban sectors. If some places they are available, they demand more money for it which are not offered able to each institution due to lack of funding or capital availability. Sometimes, operator need to call from other part of the place which is more expensive. Therefore, we found several computer in many educational institutions which are not used only because of repairing cost.

1. **Fear of Cyber Crime:** People are not ready to learn, to develop their digital skill and digital literacy due to cybercrime. Now-a-day, we found unlimited cases at global level about the cybercrime. Individuals are not ready to develop or update their knowledge due to cybercrime. Emotional blackmailing, stolen the amount from account, making people full with declaring high amount awards and rewards, motivating individual's for immediate loan facilities through online process and getting account detail for robbery of account, such news are the part of cybercrime. Due to these reason, educational training of computer literacy is becoming tough task day-by-day.

CONCLUSION

Thus, there are numerous challenges for education system to go for the skill development and computer literacy. People are not interested to attend the program conducted on the awareness of computer literacy. Their experiences, news, incidents, they found to nearby them, creating an anxiety of cultural pollution and demoralization of their kids to whom they love too much. Depression, suicide, murder, madness, leaving education in between etc are many social victims we found as an outcome of digital knowledge. As coin has both sides, digital, technical knowledge given ease and comfort zone to human life, on the contrary, it creating trouble to society and social structure of not only India but also worldwide. Therefore, researcher like to conclude with one of the basic principles of life that overuse of anything proves the dangerous outcome, no matter what they are doing and using for their comfort life.

REFERENCES

1. Albert Bandura. (1994) Self – Efficacy. In V. S. Ramachandran (Ed), Encyclopedia of Human Behaviors, Vol 4
2. Doshi. J. (2015), ICT based solutions for education in rural India-a case study, Gandhinagar.
3. Gomes Anabela, and Mendes A. J (2007) Learning to Program – Difficulties and Solutions. International Conference on Engineering Education
4. GSMA. (2010). Women & Mobile: A Global Opportunity - A Study on the Mobile Phone Gender Gap in Low-and Middle- Income Countries.
5. ICT for Development Success Stories: Youth. (2003). Malaysia: GLOBAL KNOWLEDGE PARTNERSHIP. Retrieved from <http://unpan1.un.org/intradoc/groups/public/documents/apcity/unpan020001.pdf>
6. Leon E. Winslow. (1996) Programming Pedagogy—A Psychological Overview. SIGCSE Bulletin. Vol. 28 No. 3
7. Maier, S. Reichert, U. (2018). Empowering Women through ICT-Based Business Initiatives: An Overview of Best Practices in E-Commerce/E-Retailing Projects. Retrieved from: <https://pdfs.semanticscholar.org/a9d2/6305515c0f02f626a60b096edb78d014fce9.pdf>
8. Ministry of Communications and Transport. (2003) National Information and Communications Technology
9. Richard M. Ryan and Edward L. Deci (2000) Intrinsic and Extrinsic Motivations: Classic Definitions and New Directions 3826
10. Sue Jones and Gary Burnett. (2008) Spatial Ability and Learning to Program: Published in the Interdisciplinary Journal on Humans in ICT Environments