# Inculcate new programmes, Courses and use of advanced Technology for Curriculum Enrichment

Manojkumar U. Chopade[a]

[a]Sant Dnyaneshwar Mahavidyalaya, Department of Chemistry, Soegaon,

Dr. Babasaheb Ambedkar Marathwada University Aurangabad – 431120, India.

E-mail: chopademanojkumar@gmail.com

*T*el.: +91-2438-234395

*Abstract*— **Online education is flexible and affordable students can attend the class during free time and students become more independent in the class room and they can also interact with others virtually. Many are just beginning to explore the true potential tech offers for teaching and learning. Properly used, technology will help students acquire the skills they need to survive in a complex, highly technological knowledge-based economy. The use of advanced technology in the curriculum encourages the traditional role of teachers or professors and encourages to students with help of various technological tools, the technology facilitates co-operation between technology and students for higher order thinking skill.**

*Keywords*— **Keywords: Online courses, ICT, Advanced Technology, Curriculum**

## INTRODUCTION

Online education is a new wave in our educational environment. Many university and institute have embraced online educational teaching by creating virtual classroom. Now days professor or students can be used various strategies for multiple data collection such as teacher and student surveys, a reflective teacher journal, audio/video recordings, power point presentation, Google apps, blogs so many educational technology. When we used educational technology, specifically computer-based technology in our instructional practice and the students "responses to those practices is very high". Then we developed an action plan to explore computer-based technology, to improve educational strategies in the teaching learning process and to eliminate problems with current educational technology. Recent research supports educational technology as an effective tool to improve student learning and motivation. All teachers or professors practicing in higher education, not the elementary setting, have to use best practices on research in educational technology. The purpose of best practices is to investigate research on educational technology and technology has been used with my own teaching environment to create an action plan to better integrate educational technology into the curriculum.

The individual efforts of the members of faculty go a long way in improving the teaching learning process. Teaching in the College is a social responsibility of the faculty members. The institution follows a tradition of excellence which is the result of the cumulative efforts of its faculty. The faculty members are constantly engaged in self-uplift in their professional education bio-data through research activities with both online and offline knowledge, which sparks and

allows to them for self-study improvements and self-innovative ideas in teaching practices as well. Fortunately in last few years most of the teachers are very familiar with the modern technological aid for teaching learning, presentations, practicals and ICT resources.

In the curriculum design an online courses, which will be helps to students for acquire basic computer skill and enhance the learning process as well. When we used technology into curriculum it also enhances relation between the students and teachers through preparation projects, courses, organise seminar and exhibition. Now days many institutions have provide digital devices for students to develop and discover their talent for best practices. Its needs to university curriculum must be design includes online courses such as diploma; add on programmes and short term courses and its time duration must be three-three months under the best practices as short-term certificate course. Course/programme syllabus should be well organised theory and practical work and also assignment on each topic with time boundary. Online course focus on application of knowledge with thinking skills among the instructor and students as well.

## HISTOLOGICAL BACKGROUND

Our institution has been more interested to designee new online courses it will be applicable for real world on various field to get fruitful and depth knowledge. Technology contribute to as instructional technology for best practice to improve knowledge, creativity, new ideas among student, learning materials and performance by creating, increase student involvement, motivation and accelerates new things. Technology also has potential to connecting links facilitators to their students to help them to accelerating rate of teaching and learning.

While some subjects are technology oriented subject and it will understand easily with the help of technology tools, because of this we needs to integrate new courses based on technology. Computer based technology is an versatile technology includes technology skill, hardware, software, internet, blogs, multimedia tools, educational games for learning new things. Technology has no limit for achieving instructional goals. The use of technology is to creating new software, blogs, and web designing new multimedia programs. Technology, also introduce new educational games for kids easy to understand and learn new thing through various tools. Integrating advanced technology into the curriculum as best practices that will be provide knowledge, skill and thinking ability to teaching learning process, It's also important that

instructor should be invest real time and effortless work to acquire skill and technology.

In this communication addresses the educational issue in the technical world, it can eliminate by integrate new educational online courses based on technology into curriculum and best practice in the modern educational world. It investigates how as instructor, to increase student interest in teaching, learning process.

## TECHNOLOGY FOR DATA SOURCES

➢ **Audio and Video Recordings** is used for the educational/instructional technology for biography related reports, PPTS presentations with slide share on related topics, poetry performance and Google Earth tours.

➢ **Journal** can be used for previous literature on that topic we have to choose for study and related topic how much work has been previously done, which methods are used for related topic, according to previous literature we have plane for better work and lack of success of lesson, and take notes for improvement the results

➢ Surveys – information on us have to done one program, any courses, or any other Activity. Participates surveys were filled out online form and created using Google Docs apps. Participating students and mentor answered online questions, wrote their short suggestion and responses to calculate their perceptions and their attitudes toward the programs.

➢ **Blog:** Like we maintain our personal Dairy and your activity for writing our own contents of daily life or for maintaining our personal stuff like Poetry, Article, any course information, documents or Writing a story.

➢ **Twitter:** is an information network made up of 140-character messages called Tweets.

➢ **Google Apps and its applications** in the Google drives so many formats available such as Feedback forms, Application Letters, blogs and websites

## MOTIVATION

The institution provides following additional skill oriented programmes relevant for the regional employment market. The Department of Chemistry runs a six month certificate course titled "Innovation and best practices in Technological world". This course has been designed by the department to develop the skill how to create new courses into the modern world. The fee structure for six months course is Rs. 5,000/- and number of beneficiaries are 20 per batch. This course provides skilled to human for use of technology into Curriculum & syllabus is designed by staff members of the department. No remuneration is taken by staff members, and the entire amount received by way of fee is used for up gradation of the department or funding of different events. The department of Commerce conducts a career oriented programmes funded by U.G.C. under the titled "Accounting with Computers". The curriculum & syllabus is designed by the department, which is approved by the University. This course generates human resources for the regional employment markets.The institution has always dedicated itself to provide optimum benefits to students through effective implementation of the curriculum and departmental library facility, which benefits to students in various ways. Faculty Training programmes have been organized by the institution to update the faculties on the new issues and developments from time to time. Some of such programmes are Feedback from students regarding curriculum is received by online.

## CONCLUSION

When technology is integrated into curriculum, learners are more likely to be interested and excited in related topic they are studying. The online programs and courses can be much more engaging with virtual lessons, tutoring, and more interested for teaching and learning. Finally, advanced technology opens new ways for teaching and introducing the new educational games for their learning process should be exciting and family members also involved in the process of teaching and learning their kids.

## ACKNOWLEDGMENTS

## REFERENCES

[1] L. Breslow; Lessons Learned: Findings from MIT initiatives in educational technology. Journal of Science. Education and Technology, 2007, 16(4), 283-298.

[2] L. Taylor; How student teachers develop their understanding of teaching using ICT. Journal of Education for Teaching International research and pedagogy 2004, 30(1), 43-56.

[3] J. King, Joseph South ; Reimagining the Role of Technology in Education: 2017 National Education Technology Plan Update, U.S. Department Of Education. 2017, 1-105

[4] E. Klopfer, S. Osterweil, J. Groff, J. Haas; Using the technology of today, in the classroom today; The Instructional Power of and How Teachers Can Leverage Them. 2009, 1-20

[5] E. Glazer, M. Hannafin, L. Song; Promoting Technology Integration through Collaborative Apprenticeship. Education Technology Research and Development, 2005, 53(4), 57-67.

[6] P. A. Pawar; NAAC Reaccreditation: Challenges In Higher Education. Epitome Journals 2016, 2(6), 1-5.

[7] C. Ringstaff, L. Kelley; The Learning Return on Our Technology Investment. A Review of Findings from Research. 2002, 1-25.

[8] J. King, J. South; Reimagining the Role of Technology in Education: 2017 National Education Technology Plan Update, U.S. Department Of Education. 2017, 1-105roman