

Proper Use of Multimedia Technology in Higher Education

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Abstract: -- For the higher studies, the students have been receiving the data information in the different kinds of terms on every day. This makes a challenge for the teachers towards the students. The challenge is to make busy with some learning to the students in the classroom. This paper presents the utilization of the multimedia techniques on students as well as teachers.

Keywords— Multimedia, technology, techniques, development, resources

I. INTRODUCTION

By the transition phase, in our country, almost every education sector is experiencing change one after another. Learning educational area is mostly known as wanted area and for some changes; some improvement is to be focused.

Apart from the all techniques have more advantages and the programs are formed again. Politics have duly envisaged the introduction of such techniques and gadgets which seem to be restructuring the whole gamut of imparting education. The complete looking changing and restructuring is requiring the monetary sources. [1]

But the question that haunts is regarding effectiveness of such means and measures with regard to the structural constitutions and characteristics of our country which is a blend of different hues, cultures, academic standards and economic brackets. The new approaches of calculation for the uniform application, the geographical education is to influence the speed of education makes this architecture more complicated [2]. The new approach's effective presents and it proves it for both stakeholders i.e. the teachers as well as the students to get the best output. The effectiveness of multimedia resources depends on the quality and other factors i.e. geographical constraints, economic thing that makes difficult, cultural and religion bias. This paper attempts to learn about the effectiveness of computer education sector [3]. It has always been the earnest desire of every enlightened and responsible human mind to accept changes for growth and development. Through the new techniques, educating students can attractive and exciting them towards the classroom and generating interest for learning more which is required for the hour. The effectiveness of new techniques depends on the things which is being taught and through what means it is taught. Different factors play an important

role for getting the results. The learning things of different new research sector gives the intelligent system tutoring module which includes teaching management system and learning management system and it is effective and the entire process is enjoyable.

II. USE OF MULTIMEDIA BY STUDENTS

New research area of some model makes new reaction and attraction. In the multimedia resource approaches, open smart classroom idea, online examination management system are to be most interesting and effective, on the face of it but to draw best out of these depends on the quality of receiver too [4]-[7]. The levels of this educational technology are the traditional viewpoint, and traditional thoughts act as a barrier in a way of effective results of latest technologies for the field of education. The regular techniques of new learning and the cultural outlook, all are acting as a something that makes it different to do. The wide different kinds of knowledge have diversification in different fields and easy access to every kind of development for learners [8]-[10]. This would have benefit in development worldwide for learner. They enjoy this education and they keep their point of view to open the new development. They start to analyze things. Those who having the habit of develop to analyzing things, they find such multimedia boons for their learning process. They policy makers should not get through the execution and implementation of such new techniques [11].



Fig 1: Multimedia in the classroom by students

III. USE OF MULTIMEDIA BY TEACHERS

On the threshold phase, old and experienced teachers show how to learn new techniques and how to use those things. It becomes boring to implement and execute the reform of new technologies. On the one hand, the old teacher's experiences can fail to notice the anxiously available for other side [12]-[14]. A youth out filled with the latest technologies in the area of multimedia and it is rare to see that go to the best knowledge and skills in the field of education technology. Nowadays, it depends on the teacher who uses these techniques. The responsibilities of the teachers are to create an atmosphere for the implementation of latest techniques and the adaptability. Paradox of experience and new techniques are required to initiate for research [15]-[16].



Fig 2: Multimedia in the classroom by teachers

IV. CONCLUSIONS

Adhering for some way is always hazardous. Imitating the experiences and the current developed western countries without measurement and listing one's own promise and also on half processed concepts would not get us to the goal of the desired improvement in the feature of higher studies education. The successful cautious analysis, current approaches and areas which approaches are desired to be implemented is require of the time as hour. Those are affected by different perspective and factors. It should be explored and analyzed so that the execution and implementation of multimedia techniques in the field of education can be efficiently monitored. Some can accommodate themselves to change very freely during others are not enthusiastic receptors. Therefore, the research in this area, creates paths and it is mean to the proper preparation for the sound which is ground effectively and looks so confidently for the implementation of new techniques in the area of education.

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REFERENCES

1. Yen-Ping Huang, and Yueh-Min Huang, "Programming Language Learning Supported by an Accredited Course Strategy," IEEE 13th International Conference on Advanced Learning Technologies. Beijing, pp. 327-329, July 2013.
2. S.A.R Thilanka, M. Pranavan, H.M.T.N. Dayarathna, and P.R. Wijewantha, "Cognitive psychology oriented education with virtual learning and continuous evaluation," IEEE 9th International Conference on Computer Science & Education. Vancouver, pp. 928-933, August 2014.
3. [3] Yinghong Zhong, "Study on Cognitive Decision Support Based on Learning and Improvement of Mental Models," IEEE 13th International Conference on Computing, Communication, Control, and Management. Guangzhou, pp.490-494, August 2008.

4. D.W. Price, "Consequences of mental models on online writing course design," IEEE International Conference 2015 on Professional Communication Conference. Limerick, pp. 1-5, July 2015.
5. R. Adamus, T.M. Kowalski and J. Wislicki, "A step towards genuine declarative language-integrated queries," 2015 Federated Conference on Computer Science and Information Systems. Lodz, pp. 935-946, September 2015.
6. P. Srivastava, "Educational informatics: An era in education," IEEE International Conference 2012 on Technology Enhanced Education. Kerala, pp. 1-10, January 2012
7. I. Shubin, O. Karmanenko, T. Gorbach and K. Umyarov, "The methods of adaptation in computer-based training systems," IEEE 13th International Conference on Advanced Learning Technologies. Kharkiv, pp. 64- 67, October 2015.
8. P. Schaumont, and I. Verbauwende, "The exponential impact of creativity in computer engineering education," IEEE 2013 International Conference on Microelectronic Systems Education. Austin, pp. 17-20, June 2013.
9. M. Rodriguez-Artacho, and J.V. Garcia, "Providing instructional layers of abstraction in authoring tools for engineering education content," IEEE 13th International Conference on Advanced Learning Technologies. Saratoga Springs, NY, pp. F2F-1 – F2F- 6, October 2008.
10. Kuan-Cheng Lin, Rei-Wen Lin, Szu-Ju Chen and Ciou-Ru You, "The classroom response system based on affective computing," IEEE 3rd 2010 International Conference on Ubi-media Computing. Xinhua, pp. 190-197, July 2010.
11. P. Backer, "Implementation of a hybrid multimedia general education course in engineering," IEEE 13th International Conference on Advanced Learning Technologies. Washington, DC, pp. S1D-1 – S1d-6, October 2010.
12. A. Martin, and C. Leon, "An intelligent e-learning scenario for knowledge retrieval," IEEE 2012 Global Engineering Education Conference. Marrakech, pp. 1-6, April 2012.
13. N. Gulati, "Framework for cognitive agent based expert system for metacognitive and collaborative E - Learning," IEEE 2013 International Conference on MOOC Innovation and technology in Education. Jaipur, pp. 421-426, December 2013.
14. V.S. Jotsov, "Advanced analytics methods and intelligent applications in education," IEEE 7th 2013
15. International Conference on Intelligent data Acquisition and Advanced Computing Systems. Berlin, Vol 1, pp. 197-202, September 2013.
16. Wang Dong-sheng, and Pan Wei-wei, "The Design of Distance Learning System Based on Multi-Agent," IEEE 13th International Conference on Advanced Learning Technologies. Wuhan, Vol 1 , pp. 712-715, March 2010.
17. Song Shaoyun, and Ma Yu, "Intelligent agent-based web learning system," IEEE 13th International Conference on Advanced Learning Technologies. Cuangzhou, Vol 2, pp. 340-343, December 2011.