

## EFFECT OF ANIMATION IN TEACHING-LEARNING OF BIOLOGY

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### **ABSTRACT**

*Technology had a long history that started with the discovery of cutting stones and the art of making tools from it till the invention of smart technologies. Over this long period technology had evolved from stones and metal tools to digital and electronic tools. Along with its evolution, it had transformed the manner in which people work and think. Today we apply digitalized and electronic form of technologies in almost everything we do like for communication, transportation, gaining information, writing, working at home or at the office and in many more tasks that we perform. It had also evaded the boundaries of school and influenced the mode of teaching; the pen and paper are replaced by iPod and stylus, printed books are being digitalized into eBooks and conventional classroom replaced by Animation to make pace with the digitalized world. The rationale behind this paper is to unfold the historical evolution of Educational Technology as to trace the development of Animation to understand its concept, to cull out its possible uses in a biology classroom and review its effects on teaching-learning of biology.*

*This paper highlighted the great output of teachers and students in biology with the use of animation in teaching-learning of biology. Basically, this paper focused on that researches which describe the role of the animation in the biological concepts. Animation supports teaching by enabling multimedia use of technology, versatility in expressing content promote flexibility, aid in instructional preparation and enhance learner's interaction and participation in the biology classroom, all these factors make teaching effective. The improved efficiency of the teaching of biology will boost learning among students by enhancing attention and increase retention, enhancing motivation, developing ICTs skills, improving conceptual understanding of the biological concept.*

**KEYWORDS:** *Technology, Animation, Biology, Effect of Animation, Suggestion*