

further as we can. We think of visualization as the interface between mind, perceptions, ideas, learning and the way to understand. Here are some recommendations we would like to make. From the survey that we have conducted, we get to know that the majority of people were unaware of the use of education visualization platforms, so are the teachers. Some teachers are also unaware of the fact that use of visualization applications during lectures can help students in cognitive and

better learning. They should use advance teaching methodologies like visualization applications in their lectures, so the best solution for an advance learning method is to make users aware of cognitive learning methods and provide all the learning applications on web. These applications should be free and be at easy access to everyone. It is strongly recommended of making visualized applications for different educational courses comprehended using the cognitive ways [11].

REFERENCES

- [1] Shivani Goel , Deepak Garg . “Multistage Learning Model for Better Learning: A Cognitive Science Perspective. ”International Conference on Innovation and Technology in Education (MITE) IEEE Year 2014
- [2] Benner, Nelson, Ralston, “A meta-analysis of the effect of reading instruction on the reading skills of students”, Behavioral Disorders, 2010, 35(2), 86–102.
- [3] D. Lewalter /Topic: “Cognitive Strategies for Learning from Static and Dynamic” Visuals Learning and Instruction”13 Elsevier Science Ltd. 2003
- [4] Cattaneo, Italiano, and Ferraro-Petrillo. CATAI (Concurrent algorithms and data types- animation over the internet) Journal of “Visual Languages and Computing” P# 391.419, August 2002.
- [5] Barbara Tversky, Julie Bauer Morrison1, “Animation: Can It Facilitate?” Department of Psychology Jordan Hall; Bldg. #420 Stanford, USA, CA 94305-2013
- [6] Ciro Donalek, Djorgovski, Alex Cioc, Anwell Wang, Immersive and Collaborative Data Visualization Using Virtual Reality Platforms. IEEE: International Conference on Big Data © year 2014
- [7] Xiaoyan Bai, David White, David Sundaram, “Context - Adaptive Visualization for Effective Business Intelligence”. Proceedings of ICCT-2013. 978-1-4799-0077-0/13/\$31.00 © IEEE 2013
- [8] Marc H.Brown. Algorithms Animation. MIT Press Classic: ISBN # 9780262524117, April 1988.
- [9] General Purpose Algorithms Animation Systems, Algorithm Visualization. last modified June 28, 2000 Web link : http://www.cs.sjsu.edu/~khuri/inv_links2.html
- [10] NZACDITT(New Zealand Association for Computing, Digital and Information Technology Teachers): <http://nzacditt.org.nz/>
- [11] Kumiyo Nakakoji , “Cognitive Effects of Animated Visualization in Exploratory Visual Data Analysis”. Proceeding of Information visualization IEEE society pp.77-84, London, UK, July, 2001.
- [12] Sarita Bassil , Rudolf K. Keller . “Software visualization tools: Survey and analysis”. 9th International Workshop conference on “Program Comprehension” in year 2001
- [13] Jarc, Duane “Interactive Data Structure visualization” webpage: <http://www.seas.crwu.edu/~idsv/idsv.html>
- [14] D.Galles, “Data structure visualizations website, <http://www.cs.usfca.edu/galles/visualization/-Algorithms.html>, in year 2011.
- [15] TRAKLA2, project website, <http://www.cse.hut.fi/en/research/SVG/TRAKLA2/2013>.
- [16] Open DSA Website, ”The Open DSA project website” Link: <http://algoviz.org/OpenDSA> 2013.
- [17] Rainer Koschke, Software visualization in software maintenance, reverse engineering, and re-engineering: a research survey. J. Softw. Maint. Evol.: Res. Pract. 15:87–109 (DOI: 10.1002/smr.270) in year 2003
- [18] David Rorich, Michael Bernhard, Thomas Handte and Stephan Brink. “Webdemos:An Interactive, Web-Based Visualization and Simulation Framework for Open Access”. IEEE International Conference on Web and Open Access to Learning (ICWOAL), ©2014
- [19] Matthew L.Cooper “Open Source Software and Algorithm Visualization Community” Proceeding Science of Computer Programming, volume 88, Software Development Concerns in the e-Learning Domain. pages 82–91 (2014)
- [20] Abdulhadi Shoufan., Zheng Luy and Sorin A. Hussy. “A Web-based Visualization and Animation Platform for Digital Logic Design” / DOI 10.1109/TLT-2356464, Transactions on Learning Technologies IEEE year 2014