Bibliography

- Abdi, H., & Williams, L. J. (2010). *Tukey's Honestly Significant Difference (HSD) Test*. Retrieved 3 28, 2013, from Encyclopedia of Research Design: http://www.utdallas.edu/~herve/abdi-HSD2010-pretty.pdf
- Adhikari, R. (1992). Development of Computer Aided Instruction Material on cell and cell reproduction for class IX. In D. R. Goel(2000), *Educational Media in India*. New Delhi: Bharatiya Kala Prakashan, India.
- Aguele.L, O.-O. a. (2010). Effectiveness of Selected Teaching Strategies in the Remediation of Process Errors Committed by Senior Secondary School Students in Mathematics. Retrieved from www.krepublishers.com/.../JSS-22-2-139-10-866-A
- American Association for the Advancement of Science. (1990). Chapter 2: THE NATURE OF MATHEMATICS. Retrieved 3 18, 2013, from Science for All Americans Online: http://www.project2061.org/publications/sfaa/online/chap2.htm
- Anthony, G., & Walshaw, M. (2009, December). Characteristics of Effective Teaching of Mathematics: A View from the West. *Journal of Mathematics Education*, 2(2), 147-164 http://educationforatoz.org/images/_9734_12_Glenda_Anthon on 21.10.2012.
- Barot, H. (2005). To study the effectiveness of CAI in Sanskrit for std. VIII students. Vadodara: CASE.The Maharaja Sayajirao University of Baroda, India: An Unpublished M.Ed. Dissertation.
- Bayturan, S., & Kesan, C. (2012). The Effect Of Computer-Assisted Instruction On The Achievement And Attitudes Towards Mathematics of Students In Mathematics Education.
- Beaird. (2007). The effects of computer-assisted language learning on English Language learners with and without disabilities in an elementary school setting. Ph.D. Thesis., University of Nevada, Las Vegas, 2007. Dissertation Abstract International, 68(4), 2947-A.
- Bhatia, K. (1992). Identification and Remedy of Difficulties in Learning Fractions with Programmed Instructional Material. In NCERT (Ed.), *Fifth Survey of Research in Education* (1992 ed.). New Delhi: NCERT.
- Brown, K. L. (2003). From teacher-centered to learner-centered curriculum: Improving learning in diverse classrooms. *Education*, 124(1), 49-54.
- Casanova, A. (2004). An Analysis of Computer Mediated Communication Technologies as Tools to Enhance Learning. Dissertation Abstract International 65(12).

- Chel, M. (1990). Diagnosis and remediation of under achievement in compulsary Maths of Madynamic examination in West Bengal. In NCERT(1992), Fifth Survey of Research in Education. New Delhi: NCERT, India.
- Chel, M. (1990). Diagnosis and remediation of under achievement in compulsary Maths of Madynamic examination in West Bengal. In NCERT(1992), Fifth Survey of Research in Education. New Delhi: NCERT, India.
- Crews, J. M. (2003). Helping Poor Readers: A Case Study of Computer Assisted Instruction.

 Retrieved 1 12, 2009, from http://www.jcrews@cmi. arizona. edu/
- Dalwadi, N. (2001). Development of Computer Assisted Instruction in Science for the Students of Standard IX. Vadodara: An unpublished M.Ed. dissertation, CASE, The Maharaja Sayajirao University of Baroda.
- Dandapani, S. (2001). A textbook of Advanced Educational Psychology. NewDelhi: Anmol Publication.
- Das, A. (1998). Exploring Effectiveness of Computer Assisted Learning Material on Rhymes in Different Modes. Vadodara: An unpublished Ph.D. Thesis, CASE, The M.S. University of Baroda.
- Davies, J. L. (1982). Effects of different Modes of paring in Programmed Learning of Mathematics on the performance of Underachievers. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delhi: NCERT.
- Eck, D. (n.d.). *Chi Square Statistic*. Retrieved 3 19, 2013, from Mathbeans Project: http://math.hws.edu/javamath/ryan/ChiSquare.html
- Eteokleous, N. P. (2004). Computer Technology Integration in Cyprus Elementary Schools. Dissertation Abstract International 65(12).
- Ford, G. S. (2007). Effect of computer-aided instruction versus traditional modes on student PT's learning musculoskeletal special tests. Ph.D. Thesis., State University of New york at Buffalo,2007. Dissertation Abstract International, Vol.68, no.12, 5020-A.
- Galvis, A. T. (2007). Computer Assisted Instruction (CAI) as a Teaching Tool for Occupational Therapy Education: A guide to understand CAI design and effectiveness. Ph.D. Thesis, Texas Women's University, 2007. Dissertation Abstract International, Vol.
- Gay, L. R. (1973). Educational Research. New Jersey: Prentice Hall.

- George, P. (1969). "The goals of Mathematical education," in ComMuniCator. Retrieved 1 15, 2013, from www.ncert.nic.in/html/pdf/schoolcurriculum/.../prelims.pdf
- Gilbert, D. W. (2006). Effectiveness of computer-assisted instruction blended with class-room teaching methods to acquire automotive psychomotor skills. Ph.D. Thesis., Southern Illinois University at Carbondale, 2006. Dissertation Abstracts International, Vol.67, no.8. 2947-A.
- Gujarat Government Gazette. (2012). Right of Children to Free and Compulsory Education Act, 2009. Gandhinagar: Education Department Notification. Sachivalaya,18th February, 2012. Extra No. 54.
- Gujarat Government Gazette. (2012, 2 18). *The Gujarat Government Gazette*. Retrieved 3 20, 2013, from Rules and Orders (Other than those published in part I, I-A and I-L) made by the Government of Gujarat under the Gujarat Acts.: http://righttoeducation.in/sites/default/files/ccs rte-rules gujarat.pdf
- Helaiya, S. (2004). Developing and Implementation of CAI package for teaching statistics to B.Ed. Students. Vadodara: An unpublished M.Ed. dissertation. CASE. The Maharaja Sayajirao University of Baroda.
- Hsu, J. J. (1994). Computer Assisted Language Learning (CALL) the Effect of ELS Students' Use of Instructional Modification on Listing Comprehension. Dissertation Abstracts International, Vol.55, no.4, P-851.
- Hung, Y. (2005). The Evaluation of a Technology-Aided Lecture Accompanied by a Set of Macroeconomics Computer Interactive Exercises in Macroeconomics for the Undergraduate Business Major in Taiwan. Idaho State University, 2005. Dissertation Abstract International, Vol.66, no.7, 2473-A.
- Inamdar, J. A. (1981). A study of the Effectiveness of the programmed learning strategy in the subject of Mathematics for Standard VII in relation to some Psychological Correlates. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delh: NCERT.
- Initiative, J. a. (2010, September Wednesday). Computer Assisted Instruction (CAI) software for maths. Retrieved January Tuesday, 2013, from JobAccess an Australian Government Initiative:
- http://jobaccess.gov.au/Advice/ProductOrSolutionOne/Pages/CAI_software_for_maths.aspx Jackson , K., & Dave , W. (2011, April). *International Journal of Curriculum and Instruction*. Retrieved 2 3, 2012, from The Effect of Computer-Assisted Instruction on Student's

- Attitudes and Achievement in Matrices and Transformations in Secondary Schools in Uasin Gishu District, Kenya: http://www.muk.ac.ke/ijci/ ISSN 2077-4982 ©2011 Department of Curriculum, Instruction and Educational Media, Moi University
- Jain, S, & Burad, G. (1988). Low Results in Mathematics at Secondry Examination in Rajasthan.

 Independent Study. Udaipur: State Institute of Educational Research and training.
- Jain, S., & Burad, G. (1988). Low Results in Mathematics at Secondary Examination in Rajasthan. Independent Study. Udaipur, India: State Institute of Educational Research and training.
- Jayasree, S. (1997). A diagnostic study of the difficulties of p up i l s of standard VIII in expanding using identities. Retrieved 9 25, 12, from Unpublished M.Ed. Thesis, University of Kerala, Thiruvananthapuram: http://shodhganga.inflibnet.ac.in/bitstream/10603/5
- Jeyamani, P. (1991). Effectiveness of simulation modes of teaching through CAI. In NCERT (1992), Fifth Survey of Research in Education. New Delhi: NCERT, India.
- Jeyamani, P. (1991). Effectiveness of simulation modes of teaching through CAI. In NCERT(1992), Fifth Survey of Research in Education. New Delhi: NCERT, India.
- Kapoor, J. (1997). Mathematics Education: A trend Report. In NCERT(Ed.), Fifth survey of Educational Research 1988-92 (Vol. 1). NCERT.New Delhi.
- Karnati. (2008). Computer aided instruction for out-of-school children in India: An impact study in Andhra Pradesh. Ph.D. Thesis., University of Pennsylvania, 2008. Dissertation Abstract International, Vol.69, no.4, 1335-A.
- Kasat, B. (1991). In-depth study of the causes of the large failures in mathematics at S.S.C. examination of Marathi medium high school students in Plaghar Tahsil. In NCERT(1992), Fifth Survey of Research in Education. New Delhi: NCERT.
- Khirwadkar, A. (1998). Development of Computer software for learning chemistry at standard XI. Vadodara: CASE, The M.S.University of Baroda, India: An unpublished Ph.D, Thesis.
- Kinney, D., & Robertson, D. E. (2003). Technology makes possible new models for delivering developmental mathematics instruction. *Mathematics and Computer Education*, 37(3),315-328.
- Kirkman, T. (1996). ANOVA Analysis of Variance between groups. Retrieved 10 9, 2012, from Statistics in Use: http://www.physics.csbsju.edu/stats
- Koul, L. (2008). Methodology of Educational Research. Shimla: Vikas Publishing House Pvt Ltd.

- Kulkarani, P. V., & Yadav, M. S. (1966). A comparative Study of teaching by Different Methods of Programming of Different Levels of Pupils. In M. Buch, *First Survey of Research in Education* (1970 ed.). Vadodara: Society for Educational Research and Development.
- McGraw-Hill Dictionary, o. S. (2003). Computer Assisted Instruction. Retrieved 3 18, 2013, from The free Dictionary: http://encyclopedia2.thefreedictionary.com/computer-assisted+instruction
- McLaughlin, D. (2004). Towards a new Paradigm for Teaching and Learning: A Case Study of the Process of Integrating Instructional Design and Technology at Florida Community College at Jacksonville. Dissertation Abstract International 65(10) p3667.
- Moila, M. (2006). The Use of Educational Technology in Mathematics Teaching and Learning: An Investigation of South African Rural Secondary School. on 21.10.2012: http://upetd.up.ac.za/thesis/available/etd-04252008-143722/unrestricted/dissertation.pdf on 21.10.2012.
- Nagar, N. (1988). Effectiveness of Computers in Teaching Mathematics in Schools. In NCERT (Ed.), Fifth Survey of Research in Education (1992 ed.). New Delhi: NCERT.
- NCERT. (1971). Education and National Development. Report of the Education Commission 1964-66. New Delhi: NCERT.
- NCERT. (2000). Report of the Education Commission 1964-66. New Delhi: NCERT.
- NCERT. (2005). Position Papers of National Focus Groups on Curricular Areas. New Delhi: NCERT Volume 1.
- Nimtrakul. (1999). Effectiveness of Computer Assisted Instruction On Atomic Structure in Chemistry. Retrieved 11 20, 12, from http://www.thaiedresearch.org/thaied/sites/all/modules/thaied/thaied-results.tpl.php?-table=thaied_results&-action=browse&-cursor=1464&-skip=1440&-limit=30&-mode=list&-sort=id+asc&-recordid=thaied_results%3Fid%3D1468
- NPE. (1992, May 7). National Policy on Education. Retrieved January 15, 2013, from NCERT: http://www.ncert.nic.in/oth_anoun/npe86.pdf
- Pandey, I. D. (1980). Use of Programmed Instruction on Teaching Mathematics at Primary Level. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delhi: NCERT.

- Pardeshi, R. (2005). A study of the relative effectiveness of CAI and CAIPI in earning Trigonometry by English medium students of Standard IX of Baroda City. Retrieved 10 26, 2012, from http://www.educationinindia.net/download/Research_Abstracts.pdf
- Parikh, P. D. (2006). Developing and Implementing Computer Assisted Learning Material for 11th std Commerce Students on Subject Introduction to Book-keeping and Accountancy Prescribed by GSEB. Vadodara: An unpublished M.Ed. dissertation. Vadodara: CASE. The Maharaja Sayajirao University.
- Patel, C. B. (1975). To Develop Auto instructional Programmes in some Units of Gemmetry for Class IX and to Find out their Effectiveness in relation to Different Variables. In M. B. Buch, Second Survey of Research in Education (1970 ed.). Vadodara: Society of Education Research and Development.
- Patel, A. (1977). Development and Tryout of Auto instructional Programmes in some Units of Gemmetry for Class VIII and to Study its Effectiveness in the Context of Different Variables. In M. Buch, Second Survey of Research in Education (1970 ed.). Vadodara: Society for Educational Research and Development.
- Patel, J. A. (2009). Development and Implementation of CAI to Teach English Grammar to Standard VIII Student in Different Modes. Retrieved 10 27, 2012, from shodhganga.inflibnet.ac.in/bitstream/10603/.../09_chapter%202.pdf
- Patel, K. (2008). Computer Assisted Instruction in Physics for the Students of Standard XI.

 Retrieved 10 27, 2012, from shodhganga.inflibnet.ac.in/bitstream/10603/.../09 chapter%202.pdf
- Patel, M. (2006). Factors Influsing Higher Secondary Students for Selection of Commerce and Rejection of Science Stream in Vadodara City. Vadodara: An Unpublished M.Ed Dissertation, CASE, The M.S.University of Baroda.
- Patel, R. (2001). A study of learning through Computer Assisted Learning Material in relation to selected production variables and contiguity. Vadodara: An Unpublished M.Ed Dissertation: CASE, The Maharaja Sayajirao University of Baroda.
- Pathak, R., & Chaudhary, J. I. (2012). *Educational Technology*. (Y. Das, Ed.) New Delhi: Dorling Kindersley(India) Pvt. Ltd.

- Pilli, O. (2008). Retrieved 4 11, 2009, from The Effects of Computer-Assisted Instruction on the Achievement, Attitudes and Retention of Fourth Grade Mathematics Course: https://etd.lib.metu.edu.tr/upload/3/12609336/index.pdf
- project. (2000, October 29). Computer Assisted Language Learning. Retrieved 7 21, 2012, from Chapter 2: Computer Assisted Instruction and Learning: http://www.computing.dcu.ie/~mward/mthesis/chapter2.pdf
- Ramani, P., & Patadia, H. (2012). Comparative Analysis of Reaction of Students on Final Version of Computer Assisted Instruction for Teaching Arithmetic with Different Modes. *IOSR Journal of Humanities and Social Science (JHSS)*, 5(3), 52-91.
- Ramani, P., & Patadia, H. (2012, sep-oct). Computer Assisted Instruction in Teaching of Mathematics. *IOSR Journal of Humanities and Social Science (JHSS)*, 2(I), pp. 39-42.
- Ramani, P., & Patadia, H. (2012, sep-oct). Computer Assisted Instruction in Teaching of Mathematics. *IOSR Journal of Humanities and Social Science (JHSS)*, 2(I), pp. 39-42.
- Ramani, P., & Patadia, H. (2012, June). Development and tryout of the Programmed Learning Material in Mathematics for class XI students studying in schools affiliated to Gujarat Secondary and Higher Secondary Education Board (GSHSEB). *Journal of Teacher Education in Developing Nations, 1*(5), 15.
- Ramani, P., & Patadia, H. (2012). The effectiveness of Computer Assisted Instruction in Teaching Arithmetics. *International Journal of Scientific and Research Publications*, 2(11), 52-91.
- Ramani, P., & Patadia, H. (2013). Reaction of Students on Developed Computer Assisted Instruction For Teaching Arithmetic. *Scientific and Academic Publication*, Vol.3, No.1.
- Rao, T. G. (1983). A Comparative Study of Programmed Learning and Conventional Learning Methods in One Instruction of Mathematics: A Psychological Approach. In M. B. Buch (Ed.), Fourth Survey of Research In Education. New Delhi: NCERT.
- Rathwa, M. (2007). Development and Implementation of Multimedia Package for teaching Gujarati subject. Vadodara: An unpublished M.Ed. dissertation. CASE. The Maharaja Sayajirao University of Baroda.
- Ravindra, G. (2006). Researches on Curriculum and Teaching Mathematics. New Delhi: NCERT.
- Report of the Education Commission. (1964-1966). Education and National Development 1964-1966. New Delhi: Ministry of Education: Government of India.

- Report of the Education Commission. (1964-1996). Education and National Development 1964-1966. New Delhi: Ministry of Education: Government of India.
- Robkob. (1999). Achievement and Retention in Science of Prathom Suska 5 Students in Science Studying through CAI. Retrieved 6 6, 2012, from http://www.thaiedresearch.org/thaied/sites/all/modules/thaied-thaied-results.tpl.php?-table=thaied_results&-action=browse&-cursor=1585&-skip=1560&-limit=30&-mode=list&-sort=id+asc&-recordid=thaied_results%3Fid%3D1590
- Rosales, J. S. (2005). The effect of computer-assisted instruction on mathematics achievement of ninth-grade high school students in the lowere Rio Grande Valley. Ed. University of Houston. Dissertation Abstract International, Vol.66,no.7,2482-A.
- Rose Antony Stella, V. (1992). Effectiveness of Computer Assisted Instruction with Special reference to underachievers. In NCERT(1992)., *Fifth Survey of Research in Education*. New Delhi: NCERT, India.
- Ruttanathummatee, S. (2004). Effectiveness of Computer Assisted Instruction for Primary School Students: An Experimental Study. Retrieved 10 2012, 2012, from http://www.educationinindia.net/download/Research Abstracts.pdf
- Salsbury, D. E. (2002). A study on comparing teacher-directed and Computer-Assisted Instruction of Elementary Geographic Place Vocabulary. Ph.D. Thesis, Kansas State University. Dissertation Abstracts International, Vol.63, no.7, 2449-A.
- Sarva Shiksha Abhiyan. (2012). *Statistics and Survey*. Retrieved 3 20, 2013, from Sarva Shiksha Abhiyan: http://www.ssa.tn.nic.in/Statistics.htm
- Sashidharan, T. (1992). Learning intellectual skills as an educational outcome in relation to students entry characteristics and quality of instruction. Vadodara: An unpublished Ph.D. thesis, CASE, M.S. University of Baroda.
- Seshadri, M. (1980). An Experiment in the Use of Programmed Instruction in Secondary Schools. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delhi: NCERT.
- Shah, J. C. (1981). To Develop and Try Programmed Material in Mathematics for students of Class V in Gujarat State. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delhi: NCERT.

- Shah, M. S. (1969). To develop Auto-instructional Programmes in Algebra for Standard VIII. In M.
 B. Buch, First Survey of Research in Education (1970 ed.). Vadodara: Society for Educational Research and Development.
- Sharma, D. (2003). A study of the effectiveness of Computer Assisted Learning (CAL) in chemistry for the students of standard XI. Vadodara: An unpublished M.Ed. dissertation: CASE. The Maharaja Sayajirao University of Baroda.
- Sharma, M. M. (1966). A Comparative Study of Outcomes of Teaching of Algebra by Conventional Classroom method and Method of Programmed Instruction. In M. B. Buch., *First Survey of Research in Education* (1970 ed.). Vadodara: Society for Educational Research.
- Sharma, R. (2005). Encyclopedia of teaching methodology (Vol. 1). New Delhi: Shubhi Publication.
- Sidhu, K. (1995). The teaching of Mathematics. New Delhi: Sterling Publishers Private Limited.
- Singh, A. K. (1982). Tests Measurements and Research Methods in Behavioural Sciences. New Delhi: Tata McGraw-Hill Publishing Company Limited.
- Singh, R. (1992). To Study the Effectiveness of Teaching Mathematics through Computer Assisted Instruction and Conventional Method of Cognitive and Non Cognitive Variables. In NCERT.(1992), Fifth Survey of Research in Education. New Delhi: NCERT, India.
- Singh, R. D. (1992). To Study the Effectiveness of Teaching Mathematics through Computer Assisted Instruction and Conventional Method of Cognitive and Non Cognitive Variables. In NCERT (Ed.), Fifth Survey of Research in Eduction. New Delhi: NCERT.
- Singh, R. D., Ahluwalia, S. P., & Verma, S. K. (1991). Effectiveness of Computer Assisted Instruction (CAI) and Conventional method of instruction. Retrieved 10 10, 2012, from shodhganga.inflibnet.ac.in/bitstream/10603/.../09_chapter%202.pdf
- Spradlin, Dye, K., & Ackerman, B. (2010). The Effectiveness of Computer-Assisted Instruction in Developmental Mathematics. Retrieved 11 10, 2012, from Faculty Publications and Presentations. Paper 195.: http://digitalcommons.liberty.edu/educ fac pubs/195
- Spradlin, K. D. (2010). The Effectiveness of Computer- Assisted Instruction in Developmental Mathematics. Retrieved 10 12, 12, from Faculty Publications and Presentations: http://digitalcommons.liberty.edu/educ_fac_pubs/195
- Stella, V. R. (1992). Effectiveness of Computer Assisted Instruction with Special reference to underachievers. In NCERT(1992). New Delhi: NCERT.

- Suthar, K. S. (1981). A Study of Performance on Programmed Learning Material in Relation to Some Psychological Characteristic. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delhi: NCERT.
- Suwanma. (1991). Retrieved from Construction of Computer Assisted Instruction in science on topic "Earth and Changing" for Mathoyom Suska 2: http://www.chinagmai.ac.th
- Tare, J. (2001). A Study of the Effectiveness of Branching Variety of Programmed Instructional

 Material as Diagnostic and Remedial Tool in Chemistry for Secondary Classes in Jabalpur

 Division. Retrieved 10 23, 2012, from

 http://www.educationinindia.net/download/Research Abstracts.pdf
- Thakkar, S. I. (2006). To Develop and Implement CAI for Organization of Commerce and Management' Subject in Standard XI as Prescribed by GSEB. Vadodara: An unpublished M.Ed. dissertation.CASE. The Maharaja Sayajirao University of Baroda.
- Thatte, C. H. (1998). An Experimental Study of the Relative Effectiveness of Programmed Learning and Learning Through Audio Visual Aids with reference to certain selected topics from the syllabus of Science for Std. V to VII in Greater Bombay. Retrieved 9 25, 2012, from PhD Thesis, University of Mumbai: http://www.educationinindia.net/download/Research Abstracts.pdf
- The National Research Council. (2001). Adding it up: Helping children learn mathematics. Centre of education. Washington, DC: National Academy Press.
- ThefreeDictionary. (2008). Computer Assisted Instruction. Retrieved 3 18, 2013, from http://encyclopedia2.thefreedictionary.com/computer-assisted+instruction
- Tools for science. (n.d.). Retrieved 5 2, 2011, from http://www.physics.csbsju.edu/cgi-bin/stats/chi-square_form.sh?k=5
- Trivedi, I. U. (1980). Use of Branching Variety of Programmed Learning Materials as Diagnostic and Remedial Tools. In M. B. Buch (Ed.), *Third Survey of Research in Education*. New Delhi: NCERT.
- Tuckman, B. W. (1972). *Conducting Educational Research*. New York: Harcourt Brace Jovanovich, INC.
- Vaisopha. (1999). Construction of Computer Assisted Instruction in the Mathematics on topic 'Adding fraction' for Prahom Suska 5 students. Retrieved 7 21, 2012, from http://www.chinagmai.ac.th/abstract 199921.html/ York: Bantam Books

- Vansia. (2011). Effectiveness of Computer with Peer Interaction for Math's learning in urban area.

 Retrieved 7 13, 2012, from International Referred Research Journal, September, 2011,
 ISSN- 097-3486:Rajbil 2001/30097, Vol-II Issue 24:

 http://www.ssmrae.com/admin/images/f76c407be2bb7e5c6eef3071f8c9abd5.pdf
- Vansia. (2011). Effectiveness of Computer with Peer Interaction for Math's learning in urban area.

 Retrieved 7 13, 2012, from International Referred Research Journal, September, 2011,
 ISSN- 097-3486:Rajbil 2001/30097, Vol-II Issue 24:
 http://www.ssmrae.com/admin/images/f76c407be2bb7e5c6eef3071f8c9abd5.pdf
- Vasanthi, A., & Hema, S. (2003). Effectiveness of teaching Chemistry for 1 year B.E. students through Computer Assisted Instruction. Retrieved 11 12, 2012, from shodhganga.inflibnet.ac.in/bitstream/10603/.../09_chapter%202.pdf
- Vasudevan, A. (2003). A Diagnostic study of the difficulties of pupils in Standard VIII in the computation of negative, numbers. Retrieved 9 15, 2012, from Unpublished M.Ed Thesis.

 University of Kerala: http://shodhganga.inflibnet.ac.in/bitstream/10603/564/9/09 chapter3.pdf
- Wagh, S. (1991). Development af Multi-media Instructional System for Remedial Measures in Fractional Numbers. Retrieved 10 25, 2012, from Shivaji University India, PhD Thesis in Education: books.google.co.in/books?isbn=8183562094
- Wheeler, D. (1982). *Mathematization Matters*. Retrieved 1 15, 2013, from www.ncert.nic.in/html/pdf/schoolcurriculum/.../prelims.pdf
- Wikimedia Foundation, I. (2012, October 18). wikipedia. Retrieved October 18, 2012, from en.wikipedia.org: http://en.wikipedia.org/wiki/Mathematical economics
- Wikipedia. (2013, January 21). *Analysis of variance*. Retrieved February 1, 2013, from Wikipedia. The Free Encyclopedia: http://en.wikipedia.org/wiki/Analysis of variance
- Wikipedia Foundation, I. (2012, October 18). wikipedia. Retrieved October 18, 2012, from en.wikipedia.org: http://en.wikipedia.org/wiki/Mathematical_economics
- Wikipedia. (n.d.). *Piaget's theory of cognitive development*. Retrieved 7 13, 2012, from http://en.wikipedia.org/wiki/Piaget%27s_theory_of_cognitive_development
- Yadav, S. (2000). A study of the effectiveness of the Computer Software for students of standard I. Vadodara: An unpublisheAn Unpublished M.Ed. dissertation. Vadodara: CASE. The Maharaja Sayajirao University of Baroda.

- Yasoda, R. (2009). *Problems in teaching and learning mathematics* (1 ed.). New Delhi: Discovery Publishing House Pvt. Ltd.,.
- Zyoud, M. M. (1999). Development of Computer Assisted English Language Teaching of VIII Standard Students. The Maharaja Sayajirao University of Baroda, India, CASE. Vadodara: An unpublished Ph.D. Thesis. .