



Mathematics in India

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ABSTRACT

workforce in the world she has recognized the importance of ICT in education as but at the same time she as greater potentialities and process the largest ICT progress of any country. India has enormous geographic disparity in ICT use of the areas. Increasingly available ICT materials facilitate the learner as well acknowledged as a significant catalyst for social transformation and national citizen of the country in various modes of instruction and training. Information program consist of all the activities that are directed towards educating the The curriculum framer needs to update with the emerging trend. Educational levels should be modified in accordance with the changing ICT environment challenging competitive educational environment. Curriculum for the various as the teacher to enhance their horizon of knowledge in order to meet out the competitive in all the four areas of education . It cannot be separated from any early as 1984-1985. The role of ICT is diverse in the delivery of good and highly since the beginning of 21st centaury because a wide cross section of the society and educational program with ICT for the emerging trend in Higher Education necessary to see the interaction pattern among the learner, teacher, curriculum with one another in the sociality, the learning gets meaningful. Therefore, it is of learning with both individual and social learning". When one aspect interacts facilitates learning. According to Philip L. Hosford "education is the sum total criticized it in the late 20th centaury Higher Education has been undergoing tremendous changes and reformation Communication Technologies are a very board area in which every device Information Communication Technology is unanimously

Teacher-Technology=Teacher Zero.

same time, the constructivism movement in instructional design emphasizes the new opportunities for delivering instruction in schools in innovative ways. At the something which they can do for themselves. Development of ICT has provided support and guidance and rich resources and tools. is employed to the possible extent, and that the environment also includes proper such an environment. Therefore, it is important that careful planning and design seems intrinsically problematic in the traditional setting ICT assists in creating not supplied by the teacher" says paper(1990) creating such learning environments feeding them with more and more information. "Knowledge is built by the learner to construct understanding and develop skills relevant to solving problems and not importance of providing meaningful, authentic activities that can help the learner ool which if used effectively, can show arners that education is

of the view that appropriate use of technologies can make learning for students students to become independent learners. Through the use of technology teachers more interesting and enriching. There are a number of potential benefits of using their peers supported by ICT(Olsen, 2000). Giffioen, seales and Lumpp(1999) are can provide opportunities for the students to learn, think critically and discuss among spend on computation. Third, it allows the students to engage in mathematics help to support cognitive processes by reducing the memory load of the students the computer as a tool for instruction in an educational setting. First, ICT tools that would otherwise be out of reach, thereby stretching students' opportunities. Hence new learning and teaching strategies may have to be introduced to prepare

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goals of teaching, learning, enhancing access to and reach of resources, building education(Sampath, 2011). According to the Revised Draft on National Policy on of capacities, as well as management of the educational system. these will not into or delivered through digital forms, which can be deployed for realizing the content, resources, forums, and services, digital and those that can be converted Department of school education Literacy, MHRD in 2011)ICTs are all devices, tools, Information Communication Technology in School Education(prepared by the has been added essentially in the 21st century as a fifth potent area of Curriculum, and Educational program, information communication Technology Presently there are four areas of education namely: Teaching, Learning,

suggestions are put torm

- For the succe ful implementation of ICT programs in (*ucational process throughout the country, first of all, the government of India should provide the basic infrastructure facilities (i.e., power connection, computers, Internet the ICT programs) to all the school and especially to the schools of rural connectivity, appropriate audiovisual aids and human resources related to
- educational environment should be provided to the rural learners by the Continuous motivation regarding the usages and benefits of ICT in the policymakers should look after the priority needs of the rural learners to competent teachers(who have sufficient knowledge in ICT) and the involve them in ICT-based educational programs
- In order to develop the awareness among the young learners regarding the secondary school curriculum throughout the country. ICT-based education, ICT-related knowledge can be incorporated in the
- related to computer-based education to their learners for developing a The competent teachers of the rural schools can provide information/knowledge preparatory ground for ICT infused teaching-learning process in those schools.
- the district level to monitor the ICT programs in schools at regular intervals the school level. The state government can appoint some ICT specialists at There should be proper arrangements for monitoring the ICT programs at
- The state education departments should give proper importance to the professional development of the teachers. These departments can organize discussions, seminars and workshops on the various aspects of ICT in education for all the teachers in specific intervals of time to develop proper knowledge and attitude among the teachers towards the usages of ICT in teaching-learning situations.
- education programs at all levels the government of India should empower the The NCTE should develop the curriculum (infusing ICT) for the teacher so that these institutions through their training programs can develop enough teacher training institutions all over the country by ICT driven infrastructure. skills and capacities among the teachers to use the new digital tools and recourses for providing quality education to their learners.

REFERENCES

- Aggarwal J.C. (1996). Educational research -- An introduction Arya book Dept New Delhi.
- vol . 14 No.2 october 2014. Best J. W. (1978). Research in Education New Delhi prentice hall of India Ltd. Edutrack-
- University News-vol.49 No 23 June 06-12-2011.



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