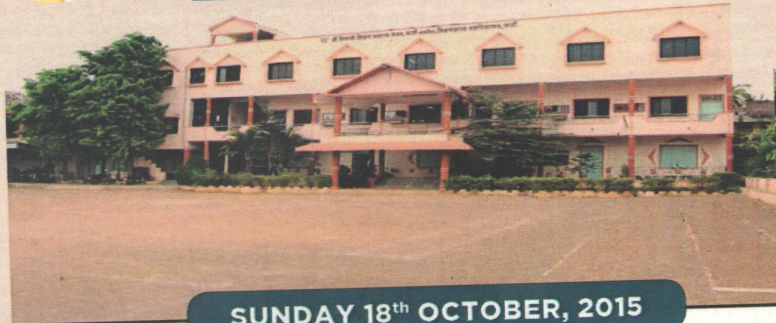
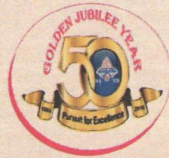


SOLAPUR UNIVERSITY, SOLAPUR.
sponsored
NATIONAL CONFERENCE
on
**CHALLENGES OF
RESEARCHES FOR QUALITY
IMPROVEMENT IN HIGHER
EDUCATION**



SUNDAY 18th OCTOBER, 2015

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USE OF ICT AS A INNOVATIVE TEACHING - LEARNING PROCESS.

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INTRODUCTION :-

The use of innovative Methods in educational institutions has the potential not only to improve education, but also to empower people, strengthen, governance and galvanize the effort to achieve the human development goal for the country. The aim of education is not only make a person literate but to add rationale to his thinking, knowledge grasping ability and in being self sufficient. The Teacher should adopt the teaching methodologies and the innovative techingues to ensure that his learnes develop and succed.Now a days the face of the information technologies, as the use of Internet is increasing.A traditional classroom has shifted to e-learning. Internet and online,there has been access to enormous quantities of information. This information helps to develops teaching find,free animation and simulation to enliven their content to be taugut .

INNOVATION :

What is innovation?Innoation means creativity discovery. Creativity involves gathering new ideas or concepts discovery is finding something new in the nature.



Today the paradigm has been shift from a teacher center instructions to leraner centered interactive pedagogy the traditional teaching – learning methods. Dominal in teaching remain while new Information technology technicess has changed all education system.

In this context it is necessary that academicians develop deep concern for education system in it entirely taking care of its structure,content as well pedagogy

introducing innovative.Teaching techniques in their curriculum,teaching methodology or innovative technique can be successful,only when it is well received by the learner.

INFORMATION-BASED TECHNOLOGIES :-

Intergrating technology into education and pedagogical techniques ensures that the best and latest knowledge available all around the World is easily accessible to the teacher as well the learner.It is well accepted fact that the effective usage of ICTS in the classroom is correlated to positive academic outcomes,including higher test score,better attitude towards school and better understanding of abstract concept.

TEACHING WITH INFORMATION BASED TECHNOLOGY:-

ICT is a collaborative of information-Technology and communication. Technology that helps in acquiring knowledge and making it common among others. Information and communication technology is thus a powerful tool in the hands of the teacher. It helps to make the teaching-learning process effectual and successful.

The widely accepted definition of teaching with technology is learning the content by using all electronic technology, which may include the internet-satellite, broadcast, video-tape chatrooms, e bulletboards, webcasts

computer-based instructions and CD-ROM.

There is a vast range of different types of technology available to assist teaching learning. ICT is not a single technology but an amalgamation of hardware, software, media and delivery system. Some of these equipment are as follows.

- **Web Wall** :- Very effective visuals can be created with this to introduce concept of climate volume etc.
- **Podcast** :- Summaries of the class lectures can be delivered online.
- **Laptop** :- A ready to use portable pc that can be used to access mail and do all internet's surfing information.
- **Smart board** :- An interactive whiteboard that uses touch detection for user input eg. scrolling, right mouse-click-in the same way normal pc input devices.

This list will keep on increasing with the rapid evolution of technology. The state of art technology today becomes outdated tomorrow and hence there is a need to equip the order to effectually blend it with conventional teaching practices.

Advantage of Information-based Technologies :-

- Access to a variety of information sources.
- New approaches to learning and offering a framework for assessing students progress and teacher effectiveness.
- Student-centred learning setting based on information access and inquiry.
- It can enhance and compliment traditional teaching style.
- Teaching can become more effective through the use of ICT tools and techniques multiple methods of teaching can be used through it.
- Students perspective and their reactions can be easily seen which helps the teacher to improve their teaching. Teacher as coach and mentors rather than content experts.
- Provide opportunities for the teacher to improve professionally.

Teacher has to use his imagination and draw on his expertise to select and apply the right type. The need and effectiveness of innovative teaching is felt at almost all levels of education to create interest and enthusiasm for learning.

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