



TEACHER'S TRAINING /WORKSHOP REPORT-

DATE & DAY OF SESSION	: 04/05/2021, Tuesday
ORGANISED BY	: COE, Dehradun
TOPIC OF THE SESSION	: ICT integration in teaching of (Physics)
TIME OF ONLINE SESSION	: 2:00 pm to3:00 pm
NAME OF RESOURCE PERSON	: Mr. Subodh Kumar
ATTENDED BY	: Mr. Rajeev Tripathi

What is ICT ?

Information and Communication Technologies (ICTs) is a broader term for Information Technology (IT), which refers to all communication technologies, including the internet, wireless networks, cell phones, computers, software, middleware, video-conferencing, social networking, and other media applications and services ...

Importance of ICT in Education

Information and communication technologies (ICT) have become one of the fundamental building blocks of modern society. Many countries now regard the mastering of the basic skills and concepts of ICT as an inevitable part of the core of education. To this end, various new models of education are evolving in response to the new opportunities that are becoming available by integrating ICT and in particular Web-based technologies, into the teaching and learning environment.

Needs of ICT in Physics

Physics is one of the subjects that have suffered low enrolment and performance in secondary schools. This enrolment and performance are pegged to the students. A perception that Physics is difficult and uninteresting due to its abstract nature. Research has shown that integration of ICT in Physics instruction has the capability of simplifying the abstract content as well as creating interest in learners and consequently improving the quality of education. However, for this to be possible, Physics requires adequate operational ICT knowledge and resources.

The effective integration of such applications however, depends to a large extent on teacher's familiarity and ability with the IT learning environment. Science teachers need to know exactly how ICT is used as a teaching and learning tool, for their own purposes and to help students to use them.

Report presented by -

Rajeev Tripathi

