

**PEDAGOGY OF PHYSICAL SCIENCE, 1ST YEAR, COURSE-7(A), UNIT -02,
ORGANIZING TEACHING-LEARNING IN PHYSICAL SCIENCE ,
-----BY RAJU KUMAR (LECTURE SERIES NO.- 37)**

c. By making use of science text books, it becomes possible for the teacher to make students understand fundamental concepts and principles of science easily and quickly. Not only this, text books help in making this function in an effective manner.

d. Through good science text book, students get acquainted with the wide variety of application of the scientific knowledge as various kinds of exercises are being provided usually at the end of every chapter.

e. The information which is imparted through the teacher in practical form can be made understood by the students in written form through text books. Not only this, when students acquire information of different kinds from text books, then habit of self-study gets developed among them, as a result of which, their dependency on teacher gets lower to certain extent.

f. Text books help the students in retaining the information provided by teachers for a long period of time as various kinds of exercises are provided in them, answers of which are to be provided by the students, through which teacher can also analyse their level of knowledge. Teacher can assign the task of accomplishing such exercise to the home, by which he can provide the students with meaningful and useful homework.

g. With the help of text books, classroom discussion can be directed towards accurate conclusions.

Generally, information of discoveries and thrilling experiences is provided in the text books, by which level of knowledge of students gets developed. Not only this, in the text books, special chapters or provision is made for the chapters through which students can get information relating to conducting various experiments, through which they can

indulged themselves in various practical works even in the absence of teacher. Through this practice, they become self-independent.

h. As all the information provided in the text book exist in the written form, as a result of which they can revive it at any time, with the help of which, students can make revision of any lesson speedily through such books.

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