

Introduction to Basic Technology (IBT)

IBT program is implemented in school from class VIII-X std. IBT is recognized as pre-vocational program (V-1) by Government of Maharashtra. In IBT, Students will learn by 'learning while doing' method. They will do various work activities in the area of Engineering, Energy – Environment, Agriculture-Animal husbandry, food processing - Home and health. Work activities selected are in line with the curricular subject of Science, mathematics, social sciences etc. IBT is designed by Dr.Kalbag in 1987 and tested in three schools around Pabal for 3 years. It was then accepted by state education dept. The program got evolved over the period and now is running 122 schools (Aug 2012). It is also introduced in few schools in Goa, Karnataka, Chattisgarh.

Objectives of IBT program :

- to impart training of simple basic skills to students in class VIII, IX and X.
- to give them various exposure to the 'World of work'.
- to develop their personality and understanding by giving activity to hand.
- to connect academic education to the day to day problem.
- to develop vocational interests, aptitudes and allow self-exploration.
- to make them enterprising.
- to facilitate the students in making choice of vocational courses at the higher secondary level.
- to prepare students for participation in work as a desired dimension of academic education and To inculcate healthy values related to work culture.

The scheme of implementing IBT program is as follows :-

- The program is given to students of class VIII - X for one day per week (10 school period per week).
- school provides for land, 2 classrooms, and electric connection.
- Schools and equipment (Approx Rs.100000/-) to be made available in the school. (By community)
- instructors (Preferably entrepreneur from the community) having demonstrable skills to be selected as instructors.
- recurring expenses for instructor's honorarium and consumables will be given by funding agency for 3 years.
- fees charged will be deposited in separate bank account so that program become self financed after 3 years
- science/mathematics teacher will work as a co-ordinator and conduct lesson on theory and drawing.