

## **Institutional best practices for the session 2018-19**

### **Best practice-1**

**Title of the practice:** Janta Vedic IAPT Anveshika- Baraut.

#### **Objective:**

- To acquaint the students with the experimental part of the science.
- To develop in depth knowledge of the phenomena of the science through experiment.
- To reinforce interest in science among the young generation of the nation.
- To encourage the students to participate in such activities that would increase faith and confidence in science.
- To increase the scientific temper of the rural youth and giving thrust to science and technology.

#### **The Context:**

Science cannot be conceived without integrating experiment, accurate and precise observations, analysis and interpretation. Experiment is at the heart of the science, it is the only tool in our hands that validates any truth. Theoretical explanations cannot become scientific laws without experiments. Indian youth especially the rural youth needs to be made experimenting personality. Anveshika has a thought behind its working spirit that it wants to invite and engage youth in science through its experimental outreach program.

#### **The program:**

Janta Vedic IAPT Anveshika- Baraut conducted experimental science program titled “Science in My life” based on the science encountered in daily life. 11 institutions in the neighboring districts of Baghpat, Shamli (UP) and Sonipat (Haryana) were covered under the program during 2018-19. 3330 students and 98 teachers participated in the program. Live demonstrations presented by resource persons and real life applications of the scientific facts were highlighted. All the sessions were fully interactive, questionnaire sessions were conducted and also questions from students were taken by experts. The resource persons answered the questions with explaining the science beneath the phenomena.

During 2018-19, two more programs conducted by the Janta Vedic IAPT Anveshika- Baraut are worth mentioning which were conducted at another corner of the country (Indo-Burma Border). Three days workshop was conducted for school teachers and students of at D. M. college of science, Imphal and one day program at St. Xavier School, Moirang, Manipur. 18 teachers and 420 students participated in the program. It was first such kind of workshop in Imphal Teachers and students together attended sessions on mechanics, optics and electromagnetics along with hands on sessions.

**Impact:**

The efforts were applauded by the host schools and students. Impact was such that other schools contacted Anveshika for such programs at their places. Teachers involved felt the need and potential of demo based teaching methods.

**Challenges Encountered:**

Timings of the programs to be conducted as per slots and timings available with institutions and variable response to the program are the main challenges.

**Best Practice – 2****1. Title of the Practice: Empowering students to Excel in Sports****2. Objectives of the Practice –**

Janta Vedic College is situated in the rural area of district Baghpat of Uttar Pradesh. Most of the students belong to the rural background. Games and sports is a basic part of the cultural activities of this area. The college has glorious tradition of sports. To strengthen this tradition further the college encourages the students to excel in sports with specific thrust. The main objectives of the practice are as follows

- To generate interest among the students towards the Sports and Games
- To empower the students to excel in sports
- To increase skill and competencies of girls in the sports
- Physical fitness of students of the college

**3. The Context**

The college has established itself as a leading Centre in sports in the region. The college has been providing equal importance to academics and sports. The College has a well-equipped gymnasium hall which is used by the students for practice and to maintain their fitness. The College has a very large and well maintained playground for many outdoor sports activities as well as world class indoor stadium for Kabbadi.

**4. Practice**

The college has organized following program for achieving the goal.

- The department of Physical Education organized annual sports meet
- 02 days Kabaddi Team Camp was organized by the college.
- The college organized CCS University Intercollegiate Circle Kabaddi Tournament.
- The students have participated in events conducted at intercollegiate, zonal and all India inter- University level.

**5. Evidence of Success**

The students of college have won several laurels. The college won gold medal in wrestling 74 kg amongst Indian Universities. The girls of the college actively participated in Kabaddi (Women) and Boxing events and won silver and gold medals at intercollegiate level. In Kabaddi (Men) and Boxing events, many boys won the gold and Silver medals.

#### **6. Problems Encountered and Resources**

Every organization has certain limitations, so our college is no exception. Scarcity of financial and other resource has resulted in paucity of specialized training as Experts are not willing to work at low honorarium or honorary basis.