

BEST PRACTICE -2

1. TITLE OF THE PRACTICE:

EDUCATING SCHOOL STUDENTS ON ADVANCED TECHNOLOGIES

2. OBJECTIVE OF THE PRACTICE:

Educating school students on advanced technologies can have several objectives depending on the specific technologies and the educational goals. This enables the students to have influence over the technology content access material and time to learn.

In this approach the students and teacher from our college act as a facilitator in schools on every fourth coming Saturday and helps students to develop the abilities necessary for studying effectively by giving them the opportunities to work independently and with others .

Here are some possible objectives:

- Familiarity
- Inspiration critical thinking
- Ethical awareness
- Hands on experience
- Future readiness
- Global competitiveness
- Interdisciplinary learning

3. THE CONTEXT:

Adopting a program to educate school students on advanced technologies from collage involves several steps:

1. Needs assessment
2. Curriculum development
3. Partnerships
4. Teacher training
5. Infrastructure and resources such as computers, software and internet.
6. Pilot program
7. Evaluation
8. Scaling up
9. Continuous improvements.

This program on educating school students on advanced technologies improves teachers, students and other stakeholders. Adapt a new technologies and educational trends to keep the program relevant and effective gives way to success in their regular study and future aspects.

4. THE PRACTICE:

PROJECT BASED LEARNING:

- Students are encouraged in schools to take projects, mini projects internships from secondary students and field visits to enhance the classroom teaching in school every month. This gives practical exposure to the students and prepares them for industry needs. Seminars and conferences organized by our college students by different departments and clubs helps students to improve their level of awareness and exposure towards latest trends and technologies.

COLLABORATIVE LEARNING:

- The institution adopts personalized teaching approach to school children where the students are supported on the basis of their abilities. The college promotes teamwork, analytical skills and problem solving skills of the students by group projects, case studies, presentations.

STUDENT SUPPORT SYSTEM:

- Students are supported to learn advanced technologies based on interests and their abilities. The students are categorized based on their performance in the first continuous observation and internal assessment. Slow learners and fast learners are identified and based on their ability they are motivated and supported to upgrade their knowledge. The feedback from the students helps in the improvement of the advanced technology teaching.

SELF DIRECTED LEARNING:

- The AWDC, RJY follows choice based credit system wherein students gain opportunity to learn the advanced technologies based on their choice and students get abundant knowledge on the latest technology to be used in their regular curriculum as well.

5. EVIDENCE OF SUCCESS:

Educating school students on advanced technologies makes students feel happy as they are heard and given opportunity to express their views.

The college has produced skilled students in schools.

- Incorporating student driven teaching methods has proved to be effective strategy for
- Engaging students in learning process.
 - Considerable number of students pursues higher education.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

PROBLEMS ENCOUNTERED:

Time constraints to address the physical, emotional, social and creative aspects of learning.

- Diverse range of resources
- Lack of teacher training

ACTION TAKEN:

- A meticulous planning for the class room activities.
- Smart classrooms or digital class rooms helped to access wide range of resources.
- Semester wise FDP helped our teachers to imbibe the required skill set.