



KLE Society's
P. C. Jabin Science College, Hubballi
Autonomous College CPE - PHASE-III
Re-accredited by NAAC at 'A' level with 3.43 CGPA

Institutional Best Practices:

- **Popularization of Basic Science among Rural High School Students**
- **Class Room Seminars**
- **Blood grouping and Donation camp**
- **IT fest**
- **Cultural Fest**

BEST PRACTICE 2018-2019

Best Practice-I

Title of the Practice: "Popularization of Basic Science among Rural High School Students"

Objectives

- To propagate scientific temper, basic science avenues, environmental consciousness among rural high school students.
- Create experiential learning by hands-on experiments.
- Application of basic science concepts in day today life.
- To relate learning of science to the environmental consciousness.

The Context:

This practice is aimed at creating science awareness, classroom science teaching and practical exposures among the rural high school students. In high school education and later on, basic science education is an important subject in which science and its applications can be brought to student's attention to make them more aware of such subjects and hopefully encourage them to choose basic science related subjects and studies later on in their future career. The aim of this practice is to enable the rural student's, importance of basic science. It creates a generation of scientist and professionals in the field of basic science education.

The Practice:

The popularization of basic science cell includes subjects experts from various departments. The cell prepares plan of action for target beneficiaries and monitors the subject through presentation, experimental demonstrations, use of models, charts, video clips etc. The expert's faculty of our college interact with the students and create the interest and curiosity in basic science among students. This practise helps in encouraging the rural students to choose the basic science in the respective fields in higher education studies. This is in tune with the national policies of higher education.

Evidence of Success:

The team of experts achieved the following set targets

- Enhanced creativity and learning in basic science
- Participative and experiential learning in basic sciences
- Enhancement in environmental consciousness

- Students involved in the preparation and exhibition of science models in various levels of science exhibitions.
- Increase the students enrolment for the basic science subjects in higher education programmes.

Problems encountered and resources required:

- Difficulty in getting permission from school administration.
- Need to have mobile laboratory
- Due to time constraint it is difficult to conduct programs during the regular college hours by the expert teachers of our college.
- Interrupted power supply in rural area during the experimental demonstration and presentation.
- Difficult to get the resource persons during the regular institute hours.

Best Practice – II

Title of the Practice: “Class Room Seminars”

Our Institute students exposed to need based employable curriculum. ICT based teaching, learning and projects to inculcate on their regular study, this will help to develop global competency. Thus the institute is practicing class room seminars as one of the best practice.

Objectives

- To provide a platform to overcome a stage phobia
- Develop self confidence communication and presentation skills and data mining skills.
- Encourage for self study use of reference books professional competence.
- Generate scientific temper among the students to take up research and higher studies.

The Context:

The best practice “class room seminars” plays an important role in supplementing students in academic excellence. The college has many best practices which are beneficial to students and is leading us to achieve good results in their academic and overall performance of the student there by helping them to be socially responsible citizens. Class room seminars are helps to UG and PG students help to improve and develop self-management skills, critical-thinking skills, practice oral, written communication skills to explore and engage in higher order thinking activities related to a topic from an academic area for the global competence.

The Practice:

This practice enhanced self management skills academic disciplines and integrity faculty expectations, time management and goal setting.

Evidence of Success:

- Improvement in presentation and communication skills by using ICT tools.
- Advancement in respective fields
- Enhanced student participation and presentations in seminars workshop conferences.
- Recognition in the student competency (various awards)

Problems encountered and resources required:

- Difficult to get conduct class room seminars due to increase in strength and constraint in time table
- The motivation and encouragement by the faculty, students voluntarily came forward to present seminars.