

SR&BGNR GOVERNMENT ARTS & SCIENCE COLLEGE(A), KHAMMAM

2016-2017

BEST PRACTICE-I

EXTENSION OF EXPERIMENTAL WORK ON PHYSICS FOR HIGH SCHOOL AND JUNIOR COLLEGE LEVEL

Goal:

- To address the experimental problems of the new syllabus.
- To develop the students towards research.
- To make the students work on practical.
- To ensure quality and create better learning environment.

The Context:

- Introducing the new experiments.
- Inculcating interest in experimental work
- Inculcating team dynamics as part of education.
- Need for research and analysis.
- Need for innovative experimental work.
- Opportunities on experiments.
- Need specific steps to improve the lab equipment.

The practice:

The teacher demonstrate the Experiments to students. Students work out the practical and execute experiments as per the teacher guidelines. They practice the experimental work. They consult faculty and other experts on the subject to improve the skill. Students also given opportunities to work in collaboration with other institutes while executing the experiments.

Evidence of Success:

- Practical skills helped students do better in the future studies.
- Students updated knowledge for better understanding of the subject.
- Education provided through experiments.
- Number of workshops increased.
- Active participation of students in workshop.
- Several school children shown interest about physics subject.
- Initiatives taken to establish physics laboratories in the schools.

Problems Encountered and Resources Required:

- Providing laboratories for all the participants.
- Participating schools do not have minimum laboratory facilities.

- Colleges and schools should collaborate with District resource centers for facilities and equipment.
- Special fund from funding agencies like UGC should be allotted to the degree colleges for such programmes.

BEST PRACTICE-II

LITERACY CAMPAIGN- BEGINNING FROM HOME

Goal:

- To Bring awareness about importance of Literacy
- Chang the illiterate parents into literates.

The Context & Practice:

- Generally when one talk about any strength he thinks of Society, Community, Village, Locality and so on but forgets his own house and family.
- The Students of B.A (HPP and EPRI) took a novel path and started their literacy campaign from their own home.
- Most of the students belong to down trodden and illiterate families. They took up the risk of liberating their parents and elders.
- Every day student used to give practice to the parent and slowly they got used to use pencil and paper and then started learning Telugu Aksharamala.

Evidence of Success:

- Around 30 students are succeeding in their endeavour and literate their elders .
- Students taught their parent how to write their name and read small phrases.

Problems Encountered and Resources Required:

1. Initial disinterest of the elders.
2. Providing less time for practice by the parents/elders.