

Secondary Education Society's
Arts and Science College, Bhalod
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7.2 Best Practices
2021-22

1) Title - Science Association

The College aspires to focus on the overall personality development of the students along with the academic excellence. Science Association is an extension programme. The purpose of this best practice is to inculcate scientific temper among the students and to reveal the scientific principles through hands on experiments. It is one of the best practices used to realize the goals of the college the empowerment of rural student and bringing about social changes.

Objective

1. To motivate students to collect and communicate scientific information and update their knowledge about science and technology.
2. To sensitize students towards current global environmental issues like plastic waste, environmental pollution, electronic waste, sustainable biodiversity protection.
3. To provide students an opportunity to interact with experts from different spheres of science.
4. To inculcate interest and build confidence among the students whose academic performance is average or below average.
5. To create interlink between UG and PG students.
6. To bring forth the team spirit and leadership qualities of the students.

Context:

In the direction to achieving goal, at the starting of college, a science association is established. In this Principal of college appoint one Assistant professor as a coordinator of science association. The Coordinator make different committees of students like refreshment committee, Rangoli committee, Stage decoration and Arrangement committee etc. Initially a tentative schedule of programs is prepared, then coordinator assign responsibility of each activity or Programs to one teacher of science association committee as an observer and guide.

The Practice –

The goal of the practice is to ensure all round participation, Over the last years, the college has been organizing different programs and activity under science association. Initially association makes a tentative schedule of programs or activity taken. Last two-year association conduct following activity.

i) Power point presentation competition for B.Sc. students: -It is an an easy program to use for presenting and sharing their ideas and information, to creates curacity and creativity to create self-confidence when presenting their ideas on power point presentations, to create awareness about preparing power point presentation, animations, To creates self-confidence while preparing there model also create social awareness and cooperation among the group members.

ii) Seminar competition for students: In today's education system communication skill and presentation is a most important part of personality development. For that association organized seminar competition of student. Topic of seminar competition related to prescribed syllabus.

iii) Essay competition: For a different latest issue, we invite assay from B.Sc. and B.A. student and it is evaluated by exert from college.

iv) Science day celebration: This is the last activity of science association on the occasion of science day we invite a guest talk on science, resent trends in science, what is contribution of India research in today's science.

Obstacle Encountered and Resources Required

1. Most of students of college are living outside the town, so they cannot give extra time for programs of activity of association because their bus esteeming. 2. for many Works College students are depends on other because they don't have some equipment like Laptop, Computer, and Xerox. 3. Association does not have sponsor.

Impact of the practice

1. The college motivates the students to have increased involvement in the programs organized by the chemistry association. 2. Student response is very good that's why we teachers feel very satisfactory

2) Title Research Motivation Scheme for Budding researcher

It is an appropriate forum to promote research-oriented study amongst U.G. and P.G. Students. This venture will go a long way in creation of conductive research atmosphere among student's community

Objective:

- 1) To strengthen the research activity
- 2) To encourage Students and motivate them towards research
- 3) Improving Participation of Students of U.G. level in interdisciplinary research activities.
- 4) Creating an interest in research in students through individual or group research project.

Context:

In the direction to achieving goal, at the starting of college each department select some students which have interested in research. A topic of small research project, survey, field project is given to students. Teacher observes each activity of students and guides them to prepare a project or a review article on the research topic.

The Practice:

In order to inculcate scientific temper among the students and to create interest in research College decided to start a Research Motivation Scheme for the students of undergraduate level. The teachers of the college motivate students of S.Y. and T.Y.B.Sc. To use ICT tools for collection of research articles, thesis different types of resources.

Under research motivation Scheme of Budding Researchers some students from under graduate courses perform small research projects along with PG students. Some Departments arrange guest lectures of eminent personalities on the subject related to research activity. The activity likes preparation of review article, a small research project a ppt presentation on various current issue are performed under this scheme.

Obstacle Encountered and Resources Required

- 1) Lack of ICT Facilities
- 2) Less no of research journal
- 3) Insufficient amount of funds to carry out research project.

Impact of the practice

- 1) The college motivates the students to do research.
- 2) After doing such a research activity at undergraduate level it becomes easy for the students to perform their research project while doing their M.Sc.
- 3) Students get familiar with various scientific techniques.




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