

bicycle inside the campus, he becomes cynosure of all eyes giving rise to excellent optics. This motivates other students to follow suit.

Evidence of Success

- ✓ A total of 30 bicycles were issued to the students of BSc and MSc course.
- ✓ Created awareness amongst the students and staff as a result of which some members of the staff and students, too, started to use their own bicycles for commuting to the college.
- ✓ The Principal of the college is an ardent cyclist and is often seen coming to the college on his bicycle.
- ✓ The bicycle club has been a regular feature in the local dailies.
- ✓ Other colleges have got motivated to start their own bicycle club.

Resources

- ✓ Involvement of the institute 's Alumni and society at large.
- ✓ Motivation from college staff.
- ✓ Rs. 50.00 per month rent.

The Institution

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Sir P T Sarvajani College of Science
MTB Campus,
Jawaharlal Nehru Marg
Athwalines
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Best Practice 2.

Nobel Lecture Series

Title:

Nobel Lecture Series

Objective of the Practice

- Expose students to the cutting-edge developments in the field of sciences.
- Inculcate research culture amongst students
- Develop scientific temper
- Acquire research skills
- Motivation to opt for higher education in research institutes

Need Addressed and the Context

It was long felt that mere bookish knowledge was not sufficient for the overall development of graduating students. It was imperative that they be motivated to take up higher studies, acquire research skills and develop scientific temper which may motivate them to opt for career as scientists.

It was thus decided to provide an ideal platform for the students to interact with eminent scientists from the premier institutes of the country. The speakers would be invited every year to visit the college and give a talk on the Nobel prize given for that year in the fields of Physics, Chemistry and Physiology/ Medicine.

The live talk and one to one interaction with the resource person would be a morale booster for the students and motivate them for further research-oriented studies.

The Practice

“The world is facing severe threats such as climate change, war and conflicts, lack of human rights, inequalities, science denial and extremism. But the Nobel Prize shows that brilliant ideas, science, compassion and hard work can improve the world. Teachers, and the profession of teaching, are crucial to promoting this.” (Text excerpt from: <https://www.nobelprize.org/education-network-nobel-prize-teacher-summit/>)

The above paragraph aptly describes the motivational aspect of Nobel Prize. Taking a cue from this it was decided to start a series of lectures on the topic of Nobel Prizes awarded.

The Nobel Prize is usually announced in the month of October every year. After the announcement, the respective departments in the college take up the task of identifying the appropriate speaker from the premier institutes who has the expertise to deliver a talk on the Nobel Prize. The speakers are then approached and dates taken up for their lecture. The

institute bears the travel expenses of the speaker and their hotel expenses too.

The discovery for which the Nobel Prize was awarded is at times, not directly covered in the UG/PG syllabus. To make it convenient and give an overall idea about the discovery, a prelude to the invited talk is arranged. The Principal of the college gives a talk on the Nobel Prize in Physics. Thus, the students are introduced to the topic and have a sufficient knowledge to comprehend the lecture delivered by the guest speaker.

The speaker usually interacts with the faculty and students after the lecture. The initial interaction is in the form of question-and-answer session. Once the session is over the speaker comes down from the stage and it is an encouraging view to see the speaker surrounded by students. This interaction lasts a long time and students ask questions on topics other than the Nobel Prize also. The students freely discuss research options, names of institutes, research areas and other research career related topics.

Evidence of Success

- The post session interaction of students with the speaker is a pleasant view for an academician.
- The students are elated to talk with research scientist at such a close distance. For them it is a once in a life time opportunity.
- The increase in number of students opting for competitive examinations of research institutes is also an indicator of the success.

Resources

- Identification and subsequent appointment with the proposed speakers.
- Travel and accommodation expenses borne by the institute
- Motivation and involvement of faculty and students together to host the events.

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