

IQAC

Best Practices

2018-19



Internal Quality Assurance Cell

**JAYSINGPUR COLLEGE,
JAYSINGPUR**

Best Practice I:

Title of the practice: Quality Improvement Workshop for SSC students in Shirol Tahshil under School - College Complex Scheme

Objective of the practice: To encourage the students for basic sciences and research faculty.

Goals of this activity:

- To motivate students to seek admission for basic science courses.
- To encourage students for research faculty.
- To explore the career opportunities.

The context:

Now-a-days, there is maximum trend of school-students to seek the admission for engineering and medical courses. Though the intake capacity of engineering college is high, the placement opportunities are becoming scare day-by-day after completion of Diploma, B.E., B.Tech. and M.Tech. courses. Hence, it is necessary to explore the various opportunities in the basic-sciences for career, placement and research. This workshop gives an opportunity to school-students to interact with college environment and functioning. The participated school-students and the teachers get an opportunity to visit the science laboratories such as Physics, Chemistry, Botany and Zoology. The college has well-established Analytical Instrumentation Laboratory funded by DST. The students get opportunity to visit this laboratory to observe various instruments such as FTIR, UV-DRS, Electrochemical Work station, Spectrofluorometer, BET-Surface Area Analyser, AAS, Gas Chromatograph and Flame photometer.

The practice:

The college invited nearly 1060 students and 51 teachers from 17 high-schools in the periphery Shirol Tahashil for the workshop. The workshop was scheduled from 26th Dec to 28th Dec, 2018. Approximately, 60 school-students from each school participated in the workshop. The workshop was run in two sessions - theory and hands-on experience (practices). In the theory session, expert faculties from external schools and colleges facilitated the board pattern question paper guidance to the students in Physics, Chemistry, Botany, Zoology and Mathematics. They also explained the various career opportunities in basic sciences.

Evidence of success:

The students enjoyed the hands-on session in Physics, Chemistry, Botany and Zoology labs under the guidance of our junior college science faculty. At the end of the session, the feedback of students and the teachers was taken. They showed a great interest and eagerness to seek admission for science stream in the college.

Problems encountered and resources generated:

It was difficult to cover all the subject themes within the span of three days.

Best Practice II

Title of the practice: Students for Environment

Objective of the practice: To make students aware about Environment and sustainable development.

Goals of this activity:

- To increase awareness of environment pollution amongst students.
- Ban the use of plastic carry bags in campus.
- To learn the use of old saris to make bags.
- Creating awareness in the society regarding Panchaganga River

The context:

Recently Govt. of Maharashtra banned the use of plastic in Maharashtra. In the context of that it is necessary to aware students, staff and society to ban the use of plastic everywhere. It is observed that plastic is used in the form of carry bag everywhere in shops, market, food industry, malls, grocessory shops etc. After the ban of plastic carry bags it was necessary to provide the alternative to carry bags. Hence we have decided to use the old sarees available from the homes of students and staff members. The advantage of use of sari bag as compared to carry bag was explained amongst the students.

Panchaganga river is the lifeline of Shirol taluka. But in the recent year it is badly polluted by industrial waste, waste water and chemical fertilizers mixed in the river. River is the main source of drinking water in our region. Hence initiative has been taken by college to create awareness in the people on the banks of river to avoid water pollution.

The practice:

We have collected almost 40 old sarees from the staff members. One of our staff member donated sewing machine to the college. We have assigned 10 student from “Earn and learn scheme” to prepare sari bags from the old saris. Students have prepared 500 sari bags from the old saris. All these sari bags are distributed at free of cost amongst students and staff members for the first time. This was encouraged to them to purchase these sari bags further from the students of earn and learn scheme.

College started “Save Panchaganga River” campaign in which 50 students along with Principal, teaching and non teaching staff marched a bicycle rally from Jaysingpur to Prayag Chikhali and covered almost 15 villages on the banks of Panchaganga river and they awakened the villagers to save the river from pollution and to take care of the river.

Evidence of success:

As we have freely distributed the sari bags amongst the students and staff members. People have started to use the sari bags instead of carry bags. They have started to purchase sari and cloth bags. It is also observed the students have taken initiative to aware the community to use of sari bags.

People from the villages in the vicinity of Panchaganga River were addressed to save the River and in the anticipation of this appeal, people are also participated in the rally and took a oath to protect Panchaganga River.