

6.5.1 *Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities*

Write description in a maximum of 500 words

Response:

Contribution of IQAC:

Example 1:

Title: Institution of Higher Learning, Research and Specialized Studies

Anand Niketan College of Science, Arts and Commerce, Anandwan, Warora as a leading College with quality standing in teaching, learning and extension activity, gives due importance to research and Innovations. This college is recognized as a “Institution of Higher Learning, Research and Specialized Studies” by Gondwana University, Gadchiroli.

Objectives:

- To work on policy and strategy for promotion of research culture in the college
- To encourage research-based activities amongst students and teachers.
- To encourage students to explore new areas of research.
- To organize research methodology workshops for students and teachers.
- To arrange for research activities by providing infrastructure such as computers, Internet facility and research-based magazines and journals.

Achievements:

- A research culture has been developed in the college
- College has many research guides, and many are making efforts to become research guide
- Number of students found opportunities to do research in the field of their interest
- At present number of research guides are: 08 and
- Number of students perusing their research are: 15

Example 2:

Title: Environment, Health and Safety Awareness (EHS Awareness)

Environment, Health and Safety Committee has been constituted with widened scope and responsibilities to ensure a nature friendly, hygienic and safe environment at the workplace. Along with teachers, students from each class and faculty are represented in the committee.

Objectives:

Principal objectives of the EHS Committee are:

- To sensitize students about Environment, Health and Safety related issues.
- To educate students about their role in the protection of the environment from deterioration, achieving physical and mental strength and contribution in building a healthy nation and ensuring safeguards at the workplace and public place.
- To prepare and suggest plans and activities for making the college premise environment friendly and safe.

Achievements:

- **Plantation Drive:** From May 2019 onwards, more than 40,000 native plants belong to 89 species have been planted in College and Anandwan premises by 'Atal Anandwan High Density Plantation', 'Anandwanshri', 'Student Plantation' and 'Conventional Plantation' methods through CSR funds obtained from Mahindra Tractor Company, Hingna MIDC, Nagpur under the 'Mahindra Hariyali' scheme.
- Beautification of Classroom Corridors and maintenance of Botanical Garden and Medicinal Plant Garden is carried out with the participation of students and non-teaching staff under 'Green Campus' drive.
- Arrangement of 'Drip irrigation system' to irrigate plants planted in college premise.
- **Clean Energy:** Establishment of Solar Power Unit and replacement of conventional fluorescent tube lights (70 watts) and ceiling fans (75 watts) with LED bulbs (28 watts) and BLDC fans (35 watts) to reduce electricity consumption.
- Installation of an 'Ecofriendly Sanitary Napkin Incinerator' in girl's common room for safe disposal of bio-wastes.
- Efforts to make 'Plastic Free' college campus.
- Construction of 'Soak Peats' for safe disposal of laboratory wastes and drainage.
- Installation of Fumigation Hoods and Ventilators in Chemistry laboratories for safe handlings of volatile solvents, acids and other chemicals.

- Arrangement of Fire Extinguishers at key places in all laboratories, corridors, office, staff room and canteen.
- Installation of Copper Lightning Rod for protection from lightning strike.
- Promotion of 'Refurbished computers' under 3R *i. e.*, Reduce, Reuse and Recycle policy to minimize e-waste generation.
- Initiation of first 'e-waste collection center' at district level in collaboration with 'Nagar Parishad, Warora' and 'Suritex Pvt. Ltd., Butibori' for scientific disposal of e-waste.
- Conduction of awareness campaigns on the occasions of the 'World Environment Day', 'World Alzheimer's Day', 'International Ozone Layer Preservation Day', 'World Water Day', 'World Mental Health Day' and 'Indian Nutrition Week' in collaboration with the Botany and Zoology Departments in the college through online and offline modes.

Conduction of 'Green Audit', 'Energy Audit' and 'Fire Audit' of the college premise through competent authority.

Example 3:

Initiating PG and Ph. D. programmes in various subjects: The Institution, established in rural locality, has its vision and mission to provide facility of higher education to the students of rural and tribal areas. The college has been running UG programmes only. The IQAC has insisted on and put at various levels of decision making process that college should have PG and PhD programmes. As a result, our institution now provides wide range of PG courses and Ph. D. programmes for students belonging to vicinity which is mostly rural and tribal, for whom it was dream otherwise.

Example 4:

Use and enrichment of ICT infrastructure:

The use of ICT tools has become an integral part in teaching -learning process. The Institution continuously encourages faculties to integrate ICT in their teaching-learning process to make it more effective. Most of the classrooms are also equipped with ICT facilities. The Institution has provided internet connectivity to each of the departments, library, and administrative office through broadband/Wi-Fi.

Review of Teaching Learning Process:

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

Example 1: Preparation of Institutional Academic Calendar and Adhering to it for Conduction of all College Activities

The academic calendar is the key synchronizing all the activities of the college throughout the academic session. Adhering to the Academic Calendar published by the university, the college prepares its consolidated Academic Calendar before the beginning of the session. All the activities to be conducted by each department with tentative dates and durations are mentioned in the Institutional Academic Calendar. It is communicated to students through WhatsApp and Email groups as well as uploaded on the institutional website. Each department sincerely follows to the academic calendar regarding course completion, continuous evaluation of students, conduction of co-curricular and extra-curricular activities.

Induction program, mentioned in the Institutional Academic Calendar, is conducted for all newly admitted students in which they are made aware of the vision and mission of the college, various co-curricular activities, the system of continuous evaluation, compulsory core courses, discipline, and culture of the Institute. Students are also apprised of the Timetable, Programme structure, syllabi of the courses before the semester commences.

Example 2: Augmentation in Infrastructure to Facilitate Teaching-Learning Process

Infrastructure plays significant role in the effective teaching-learning process. To facilitate classrooms for newly added courses, the college has been consistently and continuously upgrading its infrastructure by doing new construction as well as modernizing classrooms and laboratories. A sincere effort is made to develop cost effective and sustainable infrastructure.

The institute is well aware that teaching-learning process should be updated with rapidly changing time and technology. IQAC reviews the teaching-learning process regularly through different ways.

Incremental Improvements:

Example 1: Example PG courses and IHLR&SS

IQAC found that most students had to go to other towns in order to pursue PG and PhD programmes. After this the IQAC has insisted on commencing PG courses and PhD programmes in our institution. It is completely because of IQAC efforts that the institution now has PG courses in almost all subjects. Besides, the institution also has a research centre (in various subjects) approved by affiliating university. During the assessment in the previous cycle, we didn't have these facilities.

Example 2: Use and Application of ICT & E-Contents:

The Institution conceived importance of application of ICT and E-contents in teaching-learning process. It encourages faculty members to integrate these in their teaching-learning process and provides required facilities.

As compared to previous assessment cycle, the number of teachers who use ICT tools and prepare E-Contents for their taught topics is increased. ICT tools make teaching-learning more effective and e-contents give student freedom of place and time. Use of ICT in teaching-learning has increased the over result of the college.