

# **BEST PRACTICES**

## **2021-2022**

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**Shri Shivaji Education Society Amravati's**

**Science College,**

**Congress Nagar**

**Nagpur-440012 (M.S.)**

## **Best Practice–I**

### **Title of the Practice: *INTERNAL ACADEMIC AUDIT (IAA)***

#### **1. Objectives:**

- To evaluate the performance of teachers in the department.
- To evaluate the performance of the department.
- To identify the strengths and weaknesses of the department.

Internal Academic Audit (IAA) is the best practice to improve the performance of students in the final examination. The main purpose of conducting an academic audit is to evaluate the performance of faculty and the department. This evaluation develops accountability, strength, and weakness of the department. The academic audit is conducted in the college by an internal expert committee and the committee submits the report containing the achievements of teachers and students.

#### **2. The Context:**

The performance of the faculty members and various departments is evaluated on the basis of the quality of teaching, research, administration, and curricular and extra-curricular activities.

- IQAC has developed a format of Internal Academic Audit (IAA) on the basis of seven criteria of NAAC.
- Academic audit being conducted at the end of the Session. The College provides the facilities to the faculty members and students to gain knowledge and update skills by encouraging them to participate in seminars, conferences, workshops, research programs, etc., and also to work on live projects.

#### **3. The Practice:**

The college established Internal Quality Assurance Cell (IQAC) in the year 2004 to impart quality education as per the guidelines of the National Assessment and Accreditation Council (NAAC).

- Revision of the syllabus is a continuous process in all subjects.
- Organize personality development programs through the Career Guidance cell.
- Monitoring of quality education through IQAC.
- The Head of the department and Staff members plan to cover the syllabus effectively.
- Bridge course organized at the beginning of the session.

#### 4. Evidence of success:

After conducting the academic audit regularly, we found a significant improvement in the individual faculty with regard to attending seminars, publishing papers, undertaking consultancy, organizing seminars/workshops, maintaining records, etc.

Publications	Conference / Workshop / Seminar Attended	Conference / Workshop / Seminar Organized
55	25	12

- 30 students are placed in different companies.
- 12 students are placed in the university merit list of the different courses.
- 6 students are awarded medals by RTMNU.
- 09 students passed the IIT JAM examination.
- 01 students passed the CAT examination.
- 02 students passed the SLET examination.
- 01 students passed the GATE examination.
- Teachers are felicitated by different organizations.

#### 5. Problems Encountered and Resources Required

It is advisable to prepare the records for an academic audit right from the first month of the academic year. It is a continuous process. There is a need to give direction to all the HODs and faculty members to prepare the record for quality enhancement.

#### 6. Contact Details

NameofthePrincipal: **Dr. Mahendra P. Dhore**

NameoftheInstitution:**Shri. Shivaji Education Society Amravati's**

**Science College, Congress Nagar, Nagpur**

City:**Nagpur**

PinCode: **440012**

AccreditedStatus: **A+ grade with CGPA3.51**

ValidityPeriod: **09/06/2017 to 08/06/2024**

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## **Best Practice–II**

### **1. Title of the Practice:**

*Students Induction Programme and Formation of Subject Society of Departments*

### **2. Goal**

The aim of organizing the Student Induction Programme is to develop various qualities in students like leadership quality, good character, personality, and event organizing skills. Students get acquainted with the teachers and facilities of the college through this program. It works like ice breaking session among students and helps them to be comfortable in the institute. Through this program, students are informed about seminars, workshops, quizzes, debate competitions, project completion, and paper presentation would be organized by the institution during the academic session.

### **3. The Context:**

It is an opportunity for students to develop their personalities and participate in various activities. Each department of the college has its own subject society to constitute the Student Induction committee and Subject society.

### **4. The Practice:**

A timetable of the student induction program is displayed for the newly admitted students. Senior Students are involved in planning the activities like sports, cultural programs, etc. Members of the Subject society organize an educational tour/excursion tour. It also organized extracurricular activities in the department. Subject society committee members organize guest lectures/invited talks/to interact with alumni/seminars within the departments.

### **5. Evidence of success:**

The Students who are participating in the Induction program and showing their excellent performance in activities are felicitated by giving certificates and prizes. The meritorious students are felicitated in the subject society programme. Students are voluntarily participating in various academic and positive changes found in the students like character development, communication skills, event organizing skills, etc. The faculty and students are working together. It builds team spirit among students. The SIP reduces the gap between students and teachers which helps to excel in academic performance.

## Activity 2021-2022

### 5.1. Students Induction Program (For PG Students)

Students Induction Program was organized online by the Department of Physics, Science College, Nagpur on 1<sup>st</sup> October 2021 for the newly admitted M.Sc. Ist-year students during the academic year 2021-22.

The purpose of the induction program is to develop leadership quality, character, personality, and event-organizing skills and to reduce the gap between teacher and student.

“I can” is sometimes more important than “IQ” – Dr. Sunil Pande, Ex-HOD, Department of Physics, Ramdeobaba College Of Engineering & Management (RCOEM). Students Induction Programme was organized for the newly inducted M.Sc. Physics Students of 2021 at the Department of Physics, Shri Shivaji Science College, Nagpur. Due to the Covid-19 norms, the program was held online mode. Dr. Sunil Pande, Ex-HOD, Department of Physics, RCOEM was the Chief guest to address the students. While speaking he stated that the study of Physics is also an adventure. You will find it challenging, sometimes frustrating, occasionally painful, and often richly rewarding. Further, he added, Imagination is more important than knowledge. Students should not study only from the examination point of view, but they should grab all the basic knowledge of physics. He motivated and inspired all the students with his remarkable speech. All students of M.Sc. Physics introduced themselves during this function and he was also introduced to the new students. Dr. S. W. Anwane, Professor & Head of the department introduced all the students to various facilities at the Department of Physics. He appealed to the students to take advantage of all the sophisticated instruments available in the laboratory. Dr. M.P Dhore, Principal presided over the function and addressed the gathering. He appreciated the Physics department as one of the most disciplined departments of the college. He narrated the glorious achievements of the college and appealed to the students to work hard to maintain the glorious tradition of the department

### 6. Problems Encountered and Resources required:

- Initially students hesitate to take part in activities because of a lack of confidence.
- Financial support is required to conduct the extracurricular activities.

### 7. Contact Details

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