

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response

Best Practice: 1

Title of Best Practice: Online mode of college functioning

Goal:

- To complete admission & fees collection online
- To conduct online mode of teaching Learning & other activities
- To conduct semester wise online examination

Practice:

As the Lockdown announced by Government of India due to COVID- 19

Pandemic in March 2020, the college functioning was steadily converted online. The work from home initiated. During online classes, courses and lectures were delivered via video conferencing or pre-recorded videos, allowing students to participate from remote locations.

- **Virtual Learning Platforms:** Learning management systems (LMS) was used for assignments, quizzes, and resource sharing examples Canvas and Blackboard.
- **Digital Assessments:** Exams and quizzes are conducted online, often with proctoring solutions to maintain integrity.
- **Administrative Tasks:** Admissions, registration, fee payments, and other administrative tasks are done online during the pandemic period.
- **Communication:** Professors, students, and administrative staff were interacting through email, messaging apps, and video conferencing tools.
- **Online Collaboration:** Collaborative projects and group work are managed through various online tools.

- **Feedback and Evaluation:** Professors provide feedback, and students submit assignments online.

The effectiveness of online learning varies, and it has advantages and challenges. It offers flexibility but may require strong self-discipline and access to technology. Additionally, it can reduce the social and interactive aspects of traditional college life. The specific approach to online college functioning may differ from one institution to another. The Administrative staff were reported to college in less numbers due to restrictions imposed and the first time technology was extensively used for college functioning. Principal conducted class wise orientation session and explained the circumstances of online functioning and assured for the quality education thought this new mode also. Class wise whatsapp web groups were formed and lecture schedule and joining link was shared on the group. The students' attendance during online lecture was satisfactory. Attendance records were maintained and shared in whatsapp group on regular basis. The Online examination which was robust task was smoothly completed in the year. Students were informed about exam timetable, mode of exam, paper pattern during lectures. Mock test were conducted before semester wise term end examination. The students were provided with question bank to bridge the gap of online teaching and non attendance.

Evidence of Success

Students quickly adapted the new system of study and curriculum delivery. Interactive teaching learning and use of innovative methods like PPT, video screen shares was increased. Attendance of the students was satisfactory. They became used to check emails regularly and draft and send formal emails. The paper less work can be achieved through use of technology is proved.

Problems occurred

- **Shift to Online Learning:** Due to lockdown, the students and parents commuted to their native place, the online connectivity of students affected due to poor internet connectivity in rural areas. Many students had to abruptly transition to online classes, which could be less engaging and more challenging for some. Few students were not equipped with smart phones, so they were not able to attend online.
- **Limited Access to Resources:** Access to campus facilities like libraries and labs

was restricted, impacting research and coursework of the students.

- **Mental Health:** Isolation and uncertainty about the future led to mental health issues among students.
- **Financial Struggles:** Job losses and economic challenges affected students' ability to afford tuition and living expenses.
- **Limited Social Interaction:** Students missed out on the social aspects of college life, including co-curricular activities, events, etc.
- **Technology Gaps:** Not all students had access to the necessary technology for online learning, leading to disparities in educational opportunities.
- **Uncertainty about Graduation:** Seniors faced uncertainty about graduation ceremonies and job prospects.

Colleges had to adapt by offering more support services, flexible grading, and addressing these challenges. Students and educators worked together to find solutions, such as virtual study groups and mental health resources. It was a challenging time, but it also showcased resilience and adaptability in the face of adversity.

Best Practice: 2

Title of best practice: Green campus initiative, water conservation and recycling

Implementing green initiatives in a college can have a positive impact on the environment, promote sustainability, and educate students about their role in addressing environmental challenges and inspire future generations to make eco-conscious choices. The institute encourages students and teachers to do some efforts for green and eco-friendly environment. Our institute makes all the necessary efforts to aware the students, faculty and non-teaching staff in green campus initiatives by slogan.

Goal:

- To encourage the students to make the environment eco-friendly
- To implement the energy saving measures
- To implement the waste management in college

Practice:

- **Energy Efficiency:** Implementing energy-saving measures such as upgrading lighting systems to LED, improving insulation, and installing energy-efficient systems. Encourage students and staff about energy conservation practices, such as turning off lights and electronics when not in use. LED bulbs are installed in the institute's building to save electricity.
- **Education and Awareness:** College host workshops, seminars, and awareness sustainability and the specific initiatives being undertaken. Addition of some sustainability principles into the curriculum to ensure that students are exposed to environmental issues in their academic studies.
- **Waste Reduction:** Established a comprehensive recycling program on campus, including bins for paper, plastics, glass, and electronic waste.
- **Water conservation and recycling:** water conservation and recycling efforts in our college campus are essential for environmental sustainability. Here are some steps and initiatives that a college can take:
- **Rainwater Harvesting:** Collect rainwater from rooftops and use it for landscape irrigation or even for flushing toilets.
- **Drought-Tolerant Landscaping:** Replace water-intensive landscaping with drought-resistant plants and use mulch to reduce water evaporation.
- **Leak Detection:** Regularly inspect and repair plumbing to prevent water leaks in campus facilities.
- **Water Monitoring:** Install water meters to track usage and identify areas where conservation efforts are most needed. Raise awareness about water conservation through educational programs and workshops for students and staff.
- **Recycled Water Systems:** Consider implementing treated wastewater systems for non-potable uses like cooling or toilet flushing.
- **Reusable Water Bottles:** Encourage the use of reusable water bottles and provide water refill stations throughout the campus.

- **Paperless Initiatives:** Reduce paper usage in administrative processes, which conserves water used in paper production.
- **Waste Management:** Implement efficient recycling and waste management programs to reduce the environmental impact of disposal.
- **Collaboration:** Collaborate with local water utilities and environmental organizations to develop and promote water conservation initiatives.

By adopting these measures, colleges can significantly reduce their water footprint, save on operational costs, and promote a culture of environmental responsibility among students and takes all necessary steps to implement waste water management like bore well recharge pits are constructed in the institute's campus for harvesting rainy water. Our institute is working on the direction of waste water management particularly in hostels.

Evidences of Success

- Sign posters are displayed in the campus for encouraging ideas of plastic-free campus, noise pollution, and environmental awareness.
- Reverse Osmosis (RO) drinking water provided in campus.
- We encourage our students and staff to turn off lighting in unoccupied spaces, whether in meeting room or in vacant offices and unused electronics equipment, avoiding the standby mode.
- Incorporated sustainable design and construction practices when building or renovating campus facilities. This may include using energy-efficient materials, and designing for natural ventilation and lighting.
- Activate power management features on computer and monitor so that it goes into low power sleep mode when we are not working on it.
- We encourage our students to used reusable water bottles, instead of purchasing single uses plastic bottle of water.
- Integrated sustainability into the curriculum, offer courses or workshops on environmental issues, and host sustainability-related events and conferences.

- Develop and maintain green spaces on campus. These areas can serve as outdoor classrooms and contribute to biodiversity.

By following these steps and fostering a culture of sustainability on campus, a college can make significant strides toward reducing its environmental footprint and preparing students to be environmentally responsible citizens.