



Al-Barkaat Institute of Education, Aligarh

Best Practices

2020-21

Al-Barkaat Institute of Education has a vision of 'Becoming an outstanding centre of learning, serving the needs of India and addressing the challenges in society, especially the weaker section.' Keeping in mind the above mentioned vision following 2 Best Practices have been quoted which are revolving around the 2 main stakeholders of education sector: student and the teacher. With the following practices we are trying to attain the vision in best possible manner

I. ICT Integration for Effective Teaching

Objectives of the Practice:

- To explore and represent information dynamically and in many forms
- To motivate students towards innovative learning
- To enrich the process of learning
- To communicate effectively about complex processes
- To develop better understanding and broader view of the problem discussed.
- To develop greater problem solving and critical thinking skills among the students

The context:

The situation arises due to COVID-19 made to rethink about continuing the education by mediating digital technologies. Information and Communication Technologies (ICT) uses are reproductive rather than constructive, which impedes effective digital technologies integration into the curriculum so that students gain 21st-century competencies.

The practice:

- ICT enabled teaching methodologies are being followed by the faculty members in class rooms as a complementary tool for conventional teaching methods.
- Teachers started preparing digital lesson plans by integrating videos and audios and uploaded them on Google Classroom.
- Teachers started using e-resources like NPTEL, NIOS etc for preparing notes and content.
- Conduction of workshops; guest lectures and experts talk to make the faculty and students aware of the new changes taking place in teaching and learning.

Evidence of success:

a) The multimedia presentations, video lectures and links developed and provided by the faculties belonging to different disciplines.

b) Students gained sufficient experience of using ICT as they developed digital lesson plans and classroom presentation using power point and video presentation.

Problems encountered and resources required: The major problems encountered are, Non-availability of smart phones to the students, internet problems in some areas, power supply problems.

II. Promotion of Environmental awareness and sustainable development

Objective of the practice:

- To create a better learning atmosphere that can make the environment carbon neutral and helps to maintain a healthy atmosphere in and around the college.
- To foster a sense of connection to the natural world, promote sustainable development and to encourage conservation of irreplaceable natural resources and vulnerable plants.

Context:

The College is conscious about undertaking plantation work and maintaining cleanliness in and around the campus and hence has a good effect on the environment of the college.

Practice:

Plantation and afforestation is the need of the hour for maintaining a healthy and pollution free environment. A canopy of large leafy trees provides shade and a beautiful ambiance to the entire surrounding.

Evidence of Success:

The green plant species of the campus is identified and documented by the College. The flora includes approximately 150 species. In order to make the campus eco- friendly, various initiatives have been taken by the College.

Problems encountered and Resources required:

The problem arises with regard to irrigating certain areas of the garden in the summer season. All outlets of the drainage system are the key sources of watering the plants. Problem regarding the maintenance of these gardens is limited funds and inadequate supporting staff. As the institute is self financed, no aid is received from government.