



MAHARANA PRATAP GOVERNMENT COLLEGE, CHITTORGARH (Raj.)

2.3.1.

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

The institution has smart classrooms which are enabled with a projector and a display screen. The teachers belonging to the fraternity of science find it easy and convenient to integrate technology into their teaching methodology. They prepare a projector slide which showcase diagrams and objects which otherwise do not appear appropriate and interesting in the textbooks. It is also noteworthy that three-dimensional science figures could only be explained through tech devices only. The science teachers also make use of the internet along with projector screen to show educational documentaries to the students. These documentaries are easy to understand and the effect of learning through visualization creates a deeper understanding of the subject. Documentaries dubbed In Hindi and having English sub-titles are preferred. The teachers of all faculties have their individual log-ins on n-list platform under ILMS. The advanced learners among the students are also registered by the college admin to log-into the ILMS using their own individual IDs.

The teachers make use of the computer lab. situated in the college for preparation of e-lectures and the college also provides the facility for recording of the video lectures. During the Covid-19 period it was impossible to hold classes in the routine offline mode, therefore the teachers had to shift to other ways of teaching i.e. holding the classes in online mode and several web applications like Zoom, Google Meet, Microsoft Teams were used by the teachers. The teachers of the institution make use of the facilities available to them and prepare PPT presentations and subsequently deliver those notes to the students in soft and hard formats. The college is also having a dedicated YouTube Channel from where the students could access the lectures uploaded by the teachers of the college. The college teachers also circulate the link of the YouTube channel and notes in the soft format in the student mentoring groups in WhatsApp

Experimental learning:

The rapid development of technologies has compelled many teachers to become teachers of the 21st century. This process implies that practitioners have to become actively involved in integrating web technologies in their classrooms. However, despite greater emphasis on technology learning in higher education, new teachers entering the educational system find exploiting technologies in the classroom difficult. In-service-teachers experience similar concerns since they have to face the same challenges with the technology without any prior training. The tools for imparting experimental learning include web simulations, projector slides, audio-visuals, power point presentations, and podcasts.

Participative learning and problem solving:

The college administration takes effective steps to introduce new-age participative learning and problem solving methodologies. The participative learning methodologies enable the students to become eloquent speakers and gain confidence to become more presentable; the emphasis is laid on development of their personality development and grooming up. The strategies adopted for participative learning include interactive teaching, group learning, assigning group tasks, group discussions, presentations, simulations, etc. The problem solving is primarily done through personal counseling, mentoring, etc.

