



2.3.1: Student-centric methods are used for enhancing learning experiences by:

- **Experiential learning**
- **Integrated/interdisciplinary learning**
- **Participatory learning**
- **Problem solving methodologies**
- **Self-directed learning**
- **Patient-centric and Evidence-Based Learning**
- **Learning in the Humanities**
- **Project-based learning**
- **Role play**

Response:

In today's educational scene, there is a rising acknowledgment of the need to transition away from conventional teacher-centric practices and towards more student-centered approaches. This shift is critical for improving learning experiences and developing a better knowledge of topics. Experiential learning, participatory learning, and problem-solving methodology are three popular student-centered approaches. Furthermore, instructors are increasingly using information and communication technology (ICT)-enabled tools, such as online materials, to create a more dynamic and effective teaching and learning environment.

Experiential learning is a student-centered method that focuses on learning via direct experiences. Students participate in hands-on activities, experiments, and practical applications of academic knowledge. This strategy enables students to integrate theory with practice, making the learning experience more relevant and memorable. Experiential learning not only improves comprehension, but it also fosters critical thinking, problem-solving abilities, and a sense of responsibility for one's learning path.

Active student participation and cooperation are key components of participatory learning. Rather of passively receiving material, students actively participate in debates, group projects, and interactive activities. This strategy creates a feeling of community in the classroom by encouraging peer-to-peer learning and various opinions. Participatory learning recognises that each student offers a distinct set of experiences and ideas, which enriches the overall learning environment.

Problem-solving methodologies focus on developing students' analytical and problem-solving skills. Rather than rote memorization of facts, students are encouraged to identify, analyze, and solve real-world problems. This approach not only equips learners with practical skills but also instills a sense of resilience and adaptability, preparing them for the challenges of an ever-evolving world.



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In tandem with these student-centric methods, teachers are increasingly integrating ICT-enabled tools into their pedagogical practices. The use of technology, such as interactive whiteboards, educational apps, and online platforms, enhances the learning experience by providing multimedia content, simulations, and virtual experiments. Online resources offer students the flexibility to access information at their own pace, catering to diverse learning styles and preferences.

One of the significant advantages of ICT-enabled tools is their ability to facilitate personalized learning. Adaptive learning platforms can tailor content to individual student needs, addressing gaps in understanding and promoting self-directed learning. Moreover, the use of multimedia elements, including videos, animations, and simulations, makes complex concepts more accessible and engaging.

The integration of online resources also extends the learning beyond the traditional classroom setting. Students can access a wealth of information, collaborate with peers globally, and engage in online forums and discussions. This not only broadens their knowledge but also nurtures digital literacy and communication skills, essential for the 21st-century workforce.

In conclusion, the adoption of student-centric methods such as experiential learning, participative learning, and problem-solving methodologies, coupled with the integration of ICT-enabled tools, represents a transformative shift in education. This approach not only enhances the quality of learning experiences but also equips students with the skills and competencies needed to thrive in a rapidly changing world. Teachers play a pivotal role in facilitating these methods and leveraging technology to create a dynamic and effective teaching and learning environment.



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