Internal Quality Assurance Cell

समाधान

IQAC
GGPGC, Ujjain

Academic Counseling Cell

Internal Quality Assurance Cell

Teaching Learning System

Teaching-Learning Pedagogy

Pedagogy refers to the study of teaching and learning in alignment with the predefined goals of education. In the teaching-learning process, there are two entities involved: the teacher and the student. Pedagogy acts as a bridge of communication between the two. It involves the methodologies to be adopted by the teacher to deliver a lesson and the techniques to assess the student's response to the information being imparted.

To enhance the interaction between the teacher and students, educationists deem pedagogy as a tool of effective teaching and learning and have developed various effective pedagogical practices for the same.

Pedagogy in Education

Pedagogy defines the methods adopted for conducting teaching-learning sessions using various strategies and approaches adopted by teachers to ensure the fulfillment of the objective. Pedagogy is highly influenced by educational psychology and learner's psychology. It is not just concerned with enhancing the methods of imparting education but also analyzing learners' responses. All in all, its primary objective is to develop effective learning experiences.

Education has gone through a lot of transformation over the past many decades. Moreover, it has undergone a sea change after COVID 19. It is within the reach of more learners than before. Also, today, formal education is available in many disciplines of learning for various categories of learners and is deliverable through technology-enabled channels. This has been possible because the pedagogical practices have also evolved with the changing world around. The demand for quality education is at an all-time high today. So, effective pedagogical approaches are of critical importance in providing quality education.
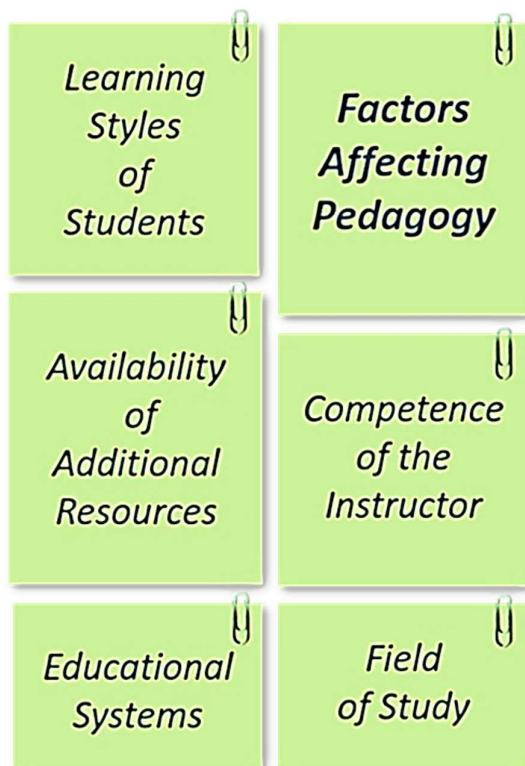
Importance of Pedagogy in Teaching

Employing effective pedagogical approaches helps students achieve learning outcomes and realize their full educational potential. Quality teaching pedagogy provides strong foundations for learning. It aids students in developing advanced concepts and abilities. Also, the right pedagogy enables instructors to observe the academic progress of their students. The points listed below highlight the importance of pedagogy.

1. A thoughtfully developed pedagogy **improves the quality of teaching**. It makes the student **more receptive** during learning sessions. Consequently, this improves the student's level of participation in the teaching-learning process.
2. An appropriate pedagogy helps impart education to students with **different learning styles/abilities**. Students develop a **deeper understanding of the subject matter**. Subsequently, this ensures the achievement of the learning outcomes of a program.
3. A correct pedagogical approach is required for students with special needs and students from disadvantaged groups, viz. females or minorities. Also, it **encourages them to be a part of the mainstream learning community**.
4. A thoughtfully developed teaching pedagogy example **makes students develop higher-level cognitive skills**, viz. analysis, synthesis, and

evaluation. On the other hand, knowledge, comprehension, and application are lower-order cognitive skills in Bloom's Taxonomy.

5. Assessing student performance appropriately is an essential part of the learning experience. **Effectively grading papers while being fair to all students is most critical.**

Factors Affecting Pedagogy

Teaching and Learning Pedagogy

Smart teaching and learning can engage students and produce more meaningful learning experiences. Therefore, Academic Counseling Cell of IQAC seeks to develop and nurture the different facets of a learner. Our pedagogy is learner-centric with emphasis on inquiry and practical-based learning. We treasure dynamism and deem that one should be well prepared to adapt to the global scenario and work on his learning accordingly. From interactive teaching methods to a healthy teacher student relationship, the institute works around making teaching-learning process as effortless as possible.

Types of Pedagogical Approaches Used Under SAMADHAN

Effective pedagogical approaches are crucial in the effective delivery of knowledge to learners.

IQAC ensures curriculum planning, delivery and evaluation methods with the different departments using standard taxanomies.

The choice of a particular pedagogy depends on many factors, some of which have been discussed above. Also, pedagogy relates teachers, students, and learning with each other. It helps achieve academic outcomes. So, teachers are often advised by SAMADHAN to develop their own, unique pedagogical approach. Some pedagogical approaches described below are more general and ubiquitously adopted.

Teaching-learning initiatives in the College comprise a mix of Techer Centric and Student Centric and Blended Pedagogies.

SAMADHAN
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Teaching Learning and Assessment Approaches

Constructive Approach	Reflective Approach	Collaborative Approach	Integrative Approach	Inquiry-Based Approach
Student-centered ▪ Experiential Learning ▪ Participative Learning ▪ Problem Based Learning Builds on past knowledge ▪ Contextual Teaching ▪ Flipped Class Instruction Method ▪ Chalk Board Lecture Facilitation Method ▪ Practical Work ▪ Group Discussion	Continuous assessment of pedagogical practices ▪ Observation ▪ Formative Assessment Outcome-based ▪ Bloom's Taxanomy ▪ Performance, Presentation ▪ Formative & Summative Assessment ▪ Special Workshops ▪ Add On/Value Added/Certificate Courses Involves timely reassessment of learning objectives ▪ CCE	Involves teamwork ▪ Group Performances ▪ Exhibitions ▪ Extension Activities ▪ Peer Teaching Pools in different abilities of learners ▪ Group Project ▪ PPT Presentations ▪ Capacity Building Initiatives ▪ Add on/Value Added Courses ▪ Group Discussion	Integrates the classroom with the outside world ▪ Educational Tours. ▪ Industrial Visits Makes the curriculum more realistic and relatable ▪ Experiential Learning ▪ Participation in Seminars/ Conferences Industry/ Expert Lectures • Scenario Analysis	Excites curiosity in the learners • Subject Quiz • Spiritual Sessions Enhances problem-solving skills • Model Building • Case Analysis • Brainstorming • Extension Activities Four Types of Assignments 1. Confirmation 2. Structured 3. Guided 4. Open 5. ICT Based

▪ EContent Learning by doing ▪ Classroom Teaching ▪ Creation/ Performance ▪ Hands On Applications		Teachers and students may/may not work in teams ▪ Individual/ ▪ Group Projects ▪ Exhibitions Enables the use of different teaching practices with different groups ▪ Slow and Fast Learners T-LP	Encourages application of acquired knowledge ▪ Exhibitions ▪ Art, Craft, Food, Product. Model Preparation ▪ Report Writing ▪ Student Seminars ▪ Business Incubation Activities ▪ Panel Discussions Kindles interest in Mathematics and Science, specifically ▪ Science Day ▪ Mathematics Week through Innovative T-LP	

For the efficacy of these methods and procedures of Teaching Learning, IQAC has framed Excellence and Quality Unique Implementation Programme (EQUIP) under which it has developed Ten Focal Schemes. Mobilizing different instructional strategies of different Subjects in a multi-faculty scenario, IQAC taps external collaborations and interdepartmental initiatives to foster innovative teaching learning processes. Synergizing the Crosscutting Issues, Global Sustainable Development Goals and the Ten "S" Focal Schemes the IQAC strives hard to achieve the stated Vision and Mission of the College.