

CRITERIA II

TEACHING- LEARNING AND EVALUATION

2.3 Teaching-Learning Process

2.3.1. Multiple model approach to teaching-learning is adopted by teachers which includes experiential learning, participative learning, problem solving methodologies, brain storming, focused group discussion, Mobile learning, etc. for enhancing student learning.

Course wise details of modes of teaching learning adopted during last completed academic year in each programme

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Indhira College of Education is dedicated to providing students with the best possible learning experience through the use of various methodologies and strategies. The college believes in tailoring the teaching-learning process to the general principles, critical pedagogy, and classroom management strategies that best suit each teacher, their educational philosophy, and the subject areas they are teaching. By adopting this approach, the college aims to enhance students' learning and ensure their success in the age of Information Technology.

One of the methods employed by Indhira College of Education is the collaborative learning approach. This method emphasizes the importance of students working together in groups to solve problems, discuss ideas, and share their knowledge. By engaging in collaborative learning, students are encouraged to take an active role in their education, develop their critical thinking and communication skills, and learn from their peers. This approach also fosters a sense of cooperation and teamwork among students, which are essential skills for success in today's collaborative work environments.

Another method used by the college is problem-solving learning. This approach focuses on teaching students how to analyze and solve real-world problems. By presenting students with authentic problems relevant to their interests and future careers, educators can enhance their motivation, engagement, and ability to transfer knowledge to different contexts. Problem-solving learning also cultivates critical thinking, creativity, and decision-making skills, which are crucial for students to become successful problem solvers in various aspects of their lives.

Indhira College of Education also recognizes the importance of integrating mobile learning into the teaching-learning process. With the widespread availability of smartphones and tablets, education can be made more accessible and personalized. Mobile learning allows students to access educational resources anytime and anywhere, enabling them to learn at their own pace and according to their individual learning styles. This approach also promotes self-directed learning and helps students develop technological literacy, which is vital in the digital era. By incorporating mobile learning, the college ensures that students are equipped with the necessary skills to thrive in a technology-driven society.

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The adoption of multiple modes of learning is based on the belief that each student has different learning preferences and styles. By offering a variety of teaching methods, Indhira College of Education accommodates the diverse needs of its students and provides them with opportunities to excel. This learner-centered approach recognizes that students have unique strengths, abilities, and interests, and aims to create a supportive and inclusive learning environment.

The basic rationale behind these teaching methods is to enhance students' learning and prepare them for the challenges they will face in the Information Technology age. By incorporating collaborative learning, problem-solving learning, and mobile learning, the college ensures that students are actively engaged, motivated, and equipped with the necessary skills to succeed in the rapidly changing world. These methodologies and strategies also align with the college's commitment to critical pedagogy, which emphasizes empowering students to become critically conscious individuals who can actively contribute to society.

In Indhira College of Education follows a range of teaching methodologies and strategies to ensure students' learning needs are met. By adopting a collaborative learning approach, problem-solving learning, and incorporating mobile learning, the college caters to the diverse learning preferences and styles of its students. These methods not only enhance students' academic performance but also equip them with the skills required to succeed in the age of Information Technology. By following general principles, critical pedagogy, and class management strategies, Indhira College of Education strives to create a stimulating, inclusive, and effective learning environment for its students.

The teachers adopts

- Participative learning
- Problem solving methodology
- Focused Group discussion
- Experiential learning
- Mobile learning



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1. Participative learning

Participative learning is an approach to teaching and learning that places the learner at the centre. It encourages active engagement, using methods such as small group activities, hands-on experiences, open questioning, and peer teaching. This participative learning is at house level and institutional level.

2. Problem solving learning

Teachers are mentors. Each teacher helps the student to solve the problem. Mentor undergoes problem solving counselling. It may be career counselling, mental health counselling or social association counselling, the problem solving learning, problem-solving methodology is used for this activity.

3. Focussed Group Discussion

Teachers of TEI took initiative for students to undergo self-study courses. Teachers have focussed Group Discussion with students for choice of subject, the students for self- study. Thereafter they had a group discussion with students for evaluation of topic for self- study.

- More participation of students.
- Students listen to other's opinion & express their opinion.
- Discuss with teachers the points that were missed during discussion.
- After discussion when students give their presentation, teacher corrects their mistakes.
- Students can make their own notes.
- The learning is more effective.

4. Experiential learning

This method involves learning through experience or direct engagement with real-world situations. It often includes field trips, hands-on activities, simulations, and role-plays.

5. Mobile learning

This method focuses on encouraging students to ask questions, investigate, and explore topics. It emphasizes critical thinking, problem-solving, and hands-on learning.

1. PARTICIPATIVE LEARNING

HANDS-ON EXPERIENCES-Socially Useful Productive Works (SUPW)

Supplementary Activities for the Welfare of the People (SUPW) is an integral part of the curriculum at Indira College of Education, where students are engaged in various activities to enhance their practical skills and contribute to the community. The college offers a wide

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range of SUPW activities, including pillow making, paper bag making, flower bouquet making, and other handicrafts.

- Pillow making is a popular activity among students as it allows them to learn the techniques of sewing.
- Paper bag making is another key activity offered at the college, where students learn the art of making eco-friendly bags from recycled materials. They are taught how to cut, fold, and stitch the paper to create durable and attractive bags.
- Flower bouquet making is a creative activity where students learn to arrange flowers in a decorative manner to create beautiful bouquets.

SUPW activities at Indira College of Education provide students with a platform to develop their practical skills, creativity, and social responsibility. These activities not only benefit the students but also contribute positively to the welfare of the community by promoting sustainable practices and encouraging creativity.

2. FOCUSED GROUP DISCUSSION

Developmental psychology plays a crucial role in educational psychology for B.Ed students.

- Understanding how students develop physically, cognitively, emotionally, and socially helps teachers create appropriate learning environments, design effective instructional strategies, and address individual differences in students.
- By applying principles from developmental psychology, B.Ed students can better support the growth and learning of their students, ensuring that educational practices are tailored to meet the diverse needs of learners at different stages of development.

3. EXPERIENTIAL LEARNING

Experiential learning is an integral component of the teaching and learning process at Indhira College of Education. Recognizing that hands-on experiences enhance students understanding and skills development, the college incorporates various methods such as field trips, internships, and practical exercises into the curriculum. These activities provide students with real-world exposure and opportunities to apply theoretical knowledge in practical settings. The college also encourages students to actively participate in workshops, seminars, and community service programs to further enhance their experiential learning. By

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fostering an experiential learning environment, Indhira College of Education aims to produce competent and skilled educators who are well-equipped to meet the demands of the teaching profession.

4. PROBLEM SOLVING

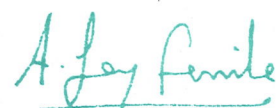
Mathematical problem solving has long been seen as an important aspect of mathematics, the teaching of mathematics, and the learning of mathematics. It has infused mathematics curricula around the TNTEU with calls for the teaching of problem solving as well as the teaching of mathematics through problem solving. And as such, it has been of interest to mathematics for Student Teachers for as long as our field has existed.

5. MOBILE LEARNING

Indhira College of Education can greatly benefit from implementing mobile learning methods. Here are some ways in which mobile learning can be incorporated into the college:

1. Collaborative learning: Mobile devices can facilitate collaborative learning among students by allowing them to communicate, share ideas, and work on group projects together.
2. Assessment and feedback: Mobile learning can be used for conducting assessments and providing feedback to students in real-time, enabling them to track their progress and improve their learning outcomes.

Incorporating mobile learning into Indhira College of Education can enhance the learning experience for students and keep them engaged and motivated. It can also help the college stay current with technological advancements in education.



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