Institutional Distinctiveness

Pragmatic Teaching and Learning Environment with Modern Pedagogy to impart quality education

Expectation in today's industry has grown to a pronounced state where modern pedagogy is required to fulfil the needs of imparting quality education. Pragmatic teaching and learning environment is created using methodological approach to envisage this particular task. To create a practical academic environment, scaled procedures with measurable quality levels for ease of learning are implemented. These are broadly categorized into different pedagogical methods, for which periodical faculty development programmes are being organized by the Internal Quality Assurance Cell.

The Internal Quality Assurance Cell ensures that the process of prescribing chosen modern pedagogy practices to be followed during teaching learning process in the departments for different sessions.

The institute chooses "Pragmatic Teaching and Learning Environment with Modern Pedagogy to impart quality education" as its area of thrust and distinctive priority because these proven outcome based results aid towards fulfilling the requirements of Industry 4.0.

Unlike traditional methods of teaching, modern pedagogical modules have demonstrated that there is an evident clarity of measurable achievement as outcomes in teaching learning process. The results also reinstate on the elaborate ideology of critical thinking perspectives which can be developed in the teaching practices.

Cooperative Learning

The science of learning has extended in all aspects to contain and to understand how good modern pedagogy helps in learning. When small groups are four or eight students gather together as a team they find it easier, time saving and advantageous. They also find that their findings and understanding get immediate attention and feedback so as to correct, assimilate and project those in their academic standards. The below are immediate tools in Cooperative learning which are used by our faculty: Crossover and Peer learning, Flipped and Participative Classroom, Thinking and Competency Based Learning, Think Pair Share and Jig-saw.

Inquisitive Learning

The quantum of inquisition which occurs in active learning process of a student has always remained paradox to measure, reflecting in long term non clarity in a subject. Tools in inquisitive learning used in this institution defy the paradox as the outcomes received are immediate and the rectification can be effortless. Some of the tools are Inquiry based Learning, One minute paper, etc.

Experiential Learning

Experiential learning is yet another dimension in modern pedagogy where practicals and experiments are conducted and the apprehensions of the learning are recorded as results. Deviation or failure in experiment practices allow them to repeat the whole process again till positive results are obtained.

Clear step by step activities are recorded during conducting projects mini projects and contests which are reviewed by the faculty periodically to check deviations if any. These projects have been noted for better clarity and understanding of students as they get to have fresh hands on experience in the conduct of those. The institute identifies the current requirement of the industry which are not part of their syllabus and constitute these as value added courses thereby making them ready for the industry. Internships and Industrial visits are arranged in the topics required due diligence and elaboration before inducting into the main stream of the industry. This helps them to develop immediate on the job learning pattern using successful entrepreneurship skills.

The institute takes the help of industrial experts to deliver partial curriculum of the course agenda. The exponential experience of the industrial experts opens and clears the thought process of the students thereby gaining fresh knowledge, clarity in subjects and to understand the industrial work culture far better. Kinsmen from the cream of the industries are left to have free hand for mentoring our students on their interests and industry related information.

Stealth Learning

Although traditional learning forms a part of education system, modern pedagogical tools and techniques are used to equate knowledge quotient levels in students to brighten the teaching learning environment. Memory practices enhancing the students' skill levels, methods to increase the style of thinking, learning through games, teaching tactics by breaking continual learning process and teaching by undermining core subjects but indirectly provoking the students' solution finding ability are some more modern pedagogical methods in the teaching menu.

Computational Learning

New pedagogical methods in the emerging science of learning emphasize different creative tools which can be successfully used to make students to understand defined thresholds of teaching and learning practices. Familiar methods used in traditional teaching without being christened as modern pedagogy are also mapped under the technique of learning to learn. Context Based Learning and giving solutions to open ended problems can happen through observations without the intervention of direct teaching. Computational learning processes brains with different complexities to better intelligence if utilized rationally.

Benchmarks and milestones during the walk of pragmatism

Human beings have extensive and remarkable continual learning systems which cannot be avoided throughout his expanding life until death. Systematic traditional educational process has led to limited formal thinking without expansion in the territory of modern innovative thinking. Identifying the necessity of familiar methods which can be utilized in the distinctive areas of education, our institute adapted to the culture of initiating the utility of modern pedagogical techniques. Capitalizing on the capacities of identifying core knowledge values which can bring in developmental change in Faculty Development Programmes to identify and expand values of modern education begun. The induction of bringing in new ideologies of modern pedagogy into practice was never too easy in the traditional educational scenario. Continuous reformations and discussions among peer educators added value in the modernization of age old culture. Identifying techniques of modern pedagogy and utilizing them appropriately brought in remarkable change in the learning attitude of students, where there was evident progress in students understanding indentifying the intelligent quotient was a prominent earmark. Students can now understand and reciprocate with immense interest and show definite progress in their results. The growth has expanded its values during placement training schedules and career initiatives undertaken by the institute. The vision of creating a theatrical teaching learning ambience and adaptive methodological practices with the continuous update of faculty understanding levels place our institute in the modern educational map.