

Innovations by the Faculty in Teaching and learning

Apart from regular class room teaching, faculty have autonomy to exhibit other innovative methods of teaching – learning process to bring out the best from student. Below shows the various innovative methods that has transformed students educational experiences.

Various Innovative Methods That Has Transformed Students Educational Experiences.

Sl. No.	Type of Innovation in Teaching and Learning Method	Description
1	Innovative Learning practices	<p>Various techniques, such as activity-based learning and project-based learning, were discussed throughout the lecture sessions. Application Development, Presentation, Partial Delivery, Societal Project Review , Seminar, Collaborative Learning.</p> <p>https://www.pesce.ac.in/admin/photo/11/achievementpdf/49.pdf</p> <p>https://www.pesce.ac.in/admin/photo/11/activitypdf/80.pdf</p> <p>https://drive.google.com/drive/folders/1V2H3uxuWTjmCrAvi-CQ42Px-rBczpRy?usp=sharing</p>
2	Usage of modern tools in teaching(ICT)	<p>Apart from usual black board teaching the teachers also make use LCD Projectors, Speakers, Systems with Keyboard and mouse, power point presentation, Laser Pointer, Slide changer, , Wi-Fi enabled classrooms and other student learning environments to demonstrate the concepts for better understanding.</p>
3	Internship	<p>Internship will be conducted before the start of 4th semester .student will be trained on the industry-oriented skills some of the students will be sent to the industry/company/organization for conduction the internships.</p> <p>https://docs.google.com/document/d/1WLBFNay1tcUFBOLWSSld44NGEzy8Ty3U/edit?usp=sharing&oid=100723445725574336133&rtpof=true&sd=true</p>
4	Practical Training	<p>In our curriculum, there are lab components in each semester .The theoretical understanding of concepts is experimented in lab. Lab evaluation is based on overall performance of students in each experiment, which includes</p>

		<p>record writing, conduction and viva voce.</p> <p>For some integrated subjects we have integrated lab and will be evaluated based on student performance, and its marks is considered for theory CIE.</p> <p>https://drive.google.com/drive/folders/1o3nmTPEXu6cuOn9XA1-PCSsFrdgdCA?usp=sharing</p>
5	Industrial visit	<p>Students are taken to industry for understanding the practical relevance of the theoretical concepts.</p> <p>https://drive.google.com/drive/folders/1CTfOfS-FzNARPtQDpW5n9xZJqikXqJTm?usp=sharing</p>
6	Expert talks	<p>Technical talks are organized on a regular basis by experts from industries/Academic institutions.</p> <p>https://www.pesce.ac.in/admin/photo/11/activitypdf/79.pdf https://drive.google.com/drive/folders/1sHU_6yDp58c65Zqe3cFkqaUlzlywV0C6?usp=sharing</p>
7	Research publications	<p>Faculty encourages students to publish the project work in journals, international/national conferences. Most of the times, faculty give an idea about an innovative topic to students and they refer to related literature and conduct experiments on same topic. Such works are published in journals, international/national conferences.</p> <p>https://docs.google.com/document/d/17Kb35j0-5eWEA9gSuuf0I73Lr03WOUzh/edit?usp=sharing&oid=100723445725574336133&rtpof=true&sd=true</p> <p>https://www.pesce.ac.in/img/department/MCA/All%20staff%20Paper%20Published%20Till%20Dec%202024.pdf</p>
8	Societal project and project work	<p>Students carry out a Societal (mini) project in their 3rd semester and major project in the 4th semester of their course. Faculty guides the students in all phases of these projects like choosing topic, literature survey and implementation. Faculty encourages them to publish their work and help them in writing project reports.</p> <p>https://drive.google.com/drive/folders/14Gg6fB913F-JJSY80LyHU25Go9sB7fAW?usp=sharing</p>
9	Technical seminar	<p>As a part of their curriculum, students are supposed to give a technical seminar in the 3rd semester of their course. Faculty helps students in choosing a relevant topic and preparing the presentations. Also teachers are involved in evaluation of these seminars.</p> <p>https://drive.google.com/drive/folders/1QTelYvJilkg460NQs3P7w9UgYJSUgNv?usp=sharing</p>