Learning by doing - Dr. Ravindra Ojha

Name of the faculty	Dr. Ravindra Ojha
Position	Professor of Operations
Qualification	Ph.D
Experience & Expertise	-29 years of corporate experience - Manufacturing excellence, Lean systems, Project Management -10 years of academic teaching, research, and consultancy experience
Course Name and Year	Learning by doing– Production & Operations Management (PGDM 2022 onwards) and in Operations management (PGPM 2022 onwards)
Area of Difficulty/ Improvement	Understanding of the concept Improvement in understanding a key concept in Operations by video recording a practical case.
Description of the Difficulty/ Need for Improvement	Theoretical understanding is fine but students are not able to see the real practical implications. Creating a practical situation and video recording or capturing a real case to understand the concept ensures the student understands the concept effectively and is ready for implementation.
Innovation Name	Learning by doing
Description of the Innovation	It is a small group assignment. The group identifies an operations-related concept (JIT, Single piece flow, Kanban etc) and looks for creating a situation to apply this concept or looks for a place where this concept is being used. The same is video captured using a mobile which all students have. This practical application of the concept provides huge learning for the students along with fun.
Learning Outcomes	The student group studies and understands the concept in depth. They identify its application or create an application. They work as a team that has students with different skill sets. Together they make a presentation of 5 to 7 minutes to the class. The group cannot forget the learnings as there is group-working and

	practical doing.
Other significant outcomes	Group working. Out of box thinking for application. Lots of fun. No investment in machines is needed. Mobile, open mind, and innovative thinking are enough
Assessment of Innovation **a. Is effectiveness tangible** **b. If YES, Evidence of effectiveness**	a. Effectiveness is tangible for sure. b. 'Learning by doing' has been appreciated by students as seen in their feedback reports. They study the concept, understand it, create the situation, or pick a real case and then record using their mobile phones. Simplicity to doing the assignment is a positive. There is lot of fun too. The concept gets embedded in their minds.
Is it Replicable?	YES
Any other Remarks	Simplicity (recording from mobile phones) and fun (group working) are two key drivers of this learning process. It is difficult to forget the concept as the students do it (learning by doing).