

Learning Management System - Moodle Case Study

Education 4.0 emphasises on bringing innovation in the field of education with respect to teaching and learning practices. It focusses on aspects such as personalised learning, blended learning, and devising new methods to assess students' performance, to name a few. The pandemic has further reinforced the importance of moving from a traditional teaching-learning environment to an engaging online pedagogical model. The use of Learning Management Systems (LMS) has increased manifold not only because of this shift, but also owing to the digital transformation movement. This session will introduce the participants to Moodle, an open source LMS, developed by Martin Dougiamas in 2002.

The nature of the session will be a combination of demonstration and hands-on activities, wherein the speaker will demonstrate various features of Moodle and the participants will be able to work with features associated with content sharing, personalised learning, assessment tools and analysis of results. The session will cover the implementation of various components of Education 4.0 in Moodle, such as remote learning, project-based learning, personalised and competency-based learning and assessment, and data analysis.