

विद्यया ऽ मृतमश्नुते



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MOODLE

Interface, Account Creation, Course Design

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moodle



What is an LMS?

- An LMS, therefore, could be defined as a learning environment within which learning, content and assessment activities and tools are implemented.

(Source: <https://pressbooks.pub/aiforteachers/chapter/smart-lms/>)

An LMS can be defined as software that automates the administration, tracking, and reporting of training events and delivers learning content rapidly. (Ellis)



What is MOODLE?

- Moodle (*Modular Object-Oriented Dynamic Learning Environment*)
- Free, open-source **Learning Management System (LMS)**.

Why use MOODLE?

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HOW does Moodle work?

- **The Infrastructure Layer (The Foundation)**
- **The Organization Layer (The Structure)**
- **The Interaction Layer (The Experience)**



HOW does Moodle work?

The Infrastructure Layer (The Foundation)

- You don't just "go" to Moodle; you host it.
- **Hosting:** You install it on a server (or use MoodleCloud).
- **Administration:** You configure site-wide settings (themes, language, security).



HOW does Moodle work?

The Organization Layer (The Structure)

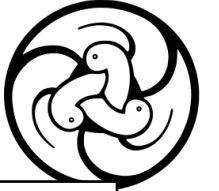
- Moodle uses a hierarchical "Russian Doll" structure:
- **Categories:** The "departments" (e.g., Science Dept).
- **Courses:** The individual "classrooms" (e.g., Biology 101).
- **Sections:** The "chapters" within a course (e.g., Week 1, Cell Structure).



HOW does Moodle work?

The Interaction Layer (The Experience)

- This is where the actual teaching happens through two types of objects:
- **Resources:** One-way communication. The teacher gives information to the student (e.g., a PDF, a video, or a Page).
- **Activities:** Two-way communication. The student interacts with the system or peers (e.g., a Quiz, a Forum post, or an Assignment submission).



If you compare...

Feature	Traditional Website	Moodle LMS
User Role	Anonymous Visitor	Authenticated Student/Teacher
Content	Static Pages	Interactive Activities
Tracking	Google Analytics (General)	Completion Tracking (Individual)
Assessment	None	Grading, Feedback, & Rubrics

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