

FDP at RCPIPER, Shirpur

# “Up gradation of Pharmaceutical Education through Advances in ICT-Blended Teaching / Learning Process”



## Topic Name – MOODLE and LMS Gnomio

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# MOODLE and Learning Management System (LMS) Gnomio

## Contents

- Need to change in teaching methods (Flip classroom)
- Methods to built flip classroom
- Webpage vs Moodle
- Moodle (by Dr. D D Patil)
- TPS Activity 1
- Demo Moodle Course
- How to create own Moodle course (by Gnomio and MoodleCloud)
- Lab session

# Teaching in 21th century

## Need of Flip classroom

### Where Teacher stands?

- when a lot availability of online content ( PPTs, Videos, MOOC)



**Power Point Presentation**

eg- [Slideshare](#)



**Videos**

eg – [NPTL](#), [Youtube](#)



**Massive Open Online Courses**

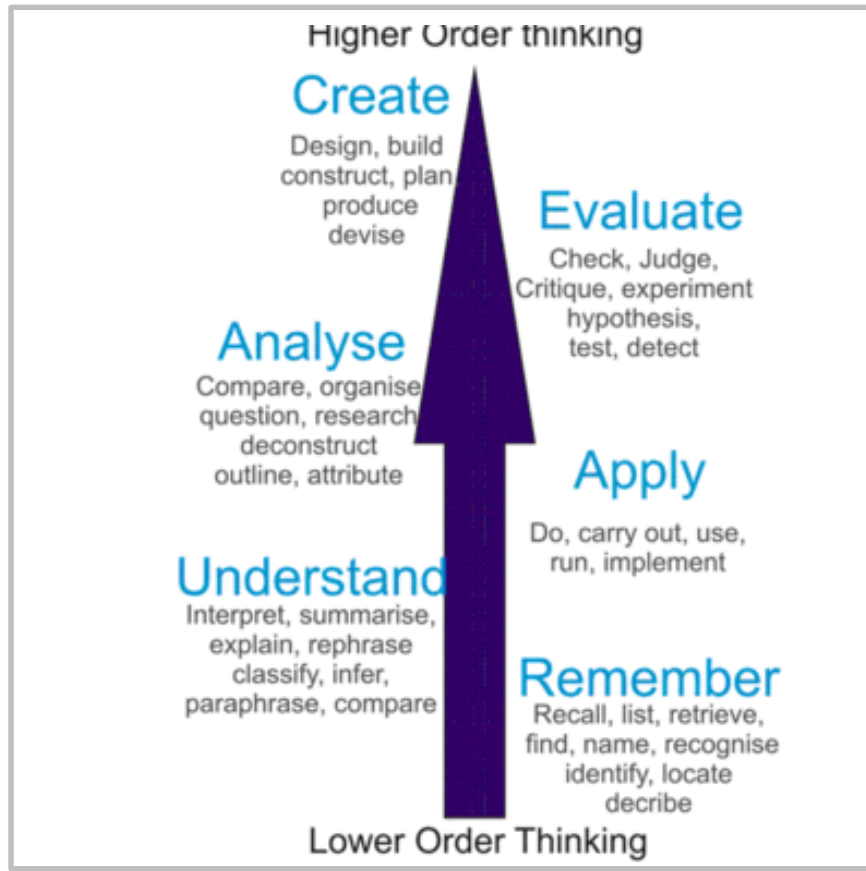
eg- [Khan Academy](#), [Edx](#), [Coursera](#)

- student learn outside of class (possibility of boredom, repetitiveness)
- Less time for higher order thinking in class

# Teaching in 21th century

## Need of Flip classroom

### Where Teaching stands?

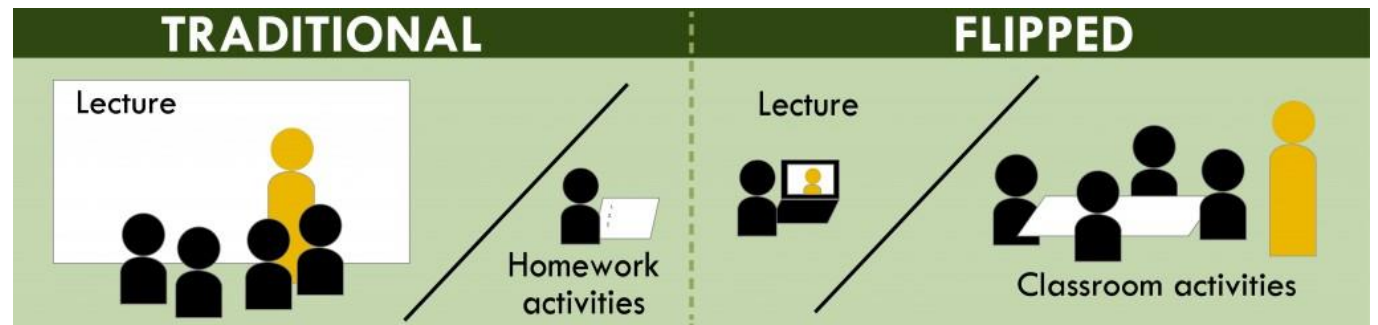
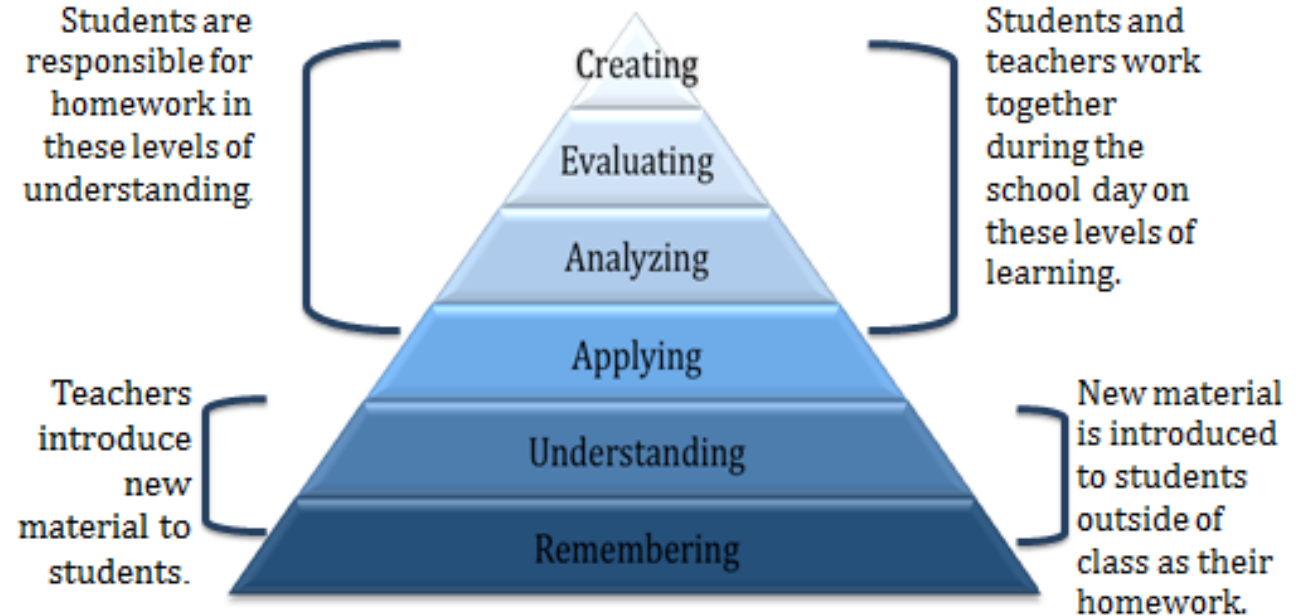


Bloom's technology LO

### Traditional Model

### Flipped Model

### Bloom's technology pedagogical



# Teaching in 21th century

## - Flip classroom strategies -

### Out-of-Class activity

- ✓ **Learning Objectives of lower level**
  - Remember, Understand, Apply
- ✓ **Provide study material out-side classroom**  
( Self made or existing best one)
  - research paper, book chapters ,
  - PPTs, Videos, animations etc.
- ✓ **Lower Order Assignments**
  - Simple
  - Multiple Choice Questions,
  - One line answer questions

### In-Class activity

- ✓ **Learning Objectives of higher level**
  - Analyzing, Evaluating, Creating
- ✓ **Provide TPS, PI activities Inside classroom**
  - TPS
  - PI
- ✓ **Higher Order Assignments**
  - Complex
  - Long answer questions,

# Tools for Out-of-class activities of Flip classroom

## Information Shearing tools

## Evolution tools



Paper, Book



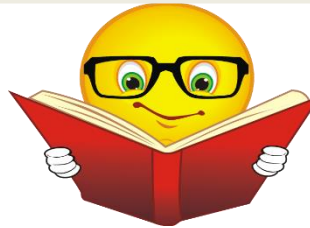
PPT's



Videos



MOOCs



Traditional Offline



Google Drive

Google Drive/Doc



WORDPRESS

WordPress



Drupal™

Drupal

Online/ Websites



EdX



Coursera



Moodle



Assignment Written



Google Form/ Doc



moodlecloud



Gnomio

# WordPress Vs Moodle



Vs



- ✓ Easy to Learn and Handel
- ✓ Assignment done by third party tool
- ✓ Feedback, discussion provision is provided in same tool
- ✓ Lesson flow discontinuous
- ✓ Anyone can accesses material

- ✓ Difficult to Learn and Handel
- ✓ Assignment done in same tool
- ✓ Feedback, discussion provision is provided in same tool
- ✓ Lesson flow smooth and at one place
- ✓ Security feature to accesses

# MOODLE

**MOODLE** – acronym for **Modular Object-Oriented Dynamic Learning Environment**

Moodle is a free and open source software learning management system written in PHP.

Moodle was originally developed by **Martin Dougiamas** (in 2002)

**Moodle is used for**

- ✓ Blended Learning
- ✓ Distance education
- ✓ Flipped class room
- ✓ E-learning

Moodle **current version** available **3.4**

Create your own Moodle Course using



Or



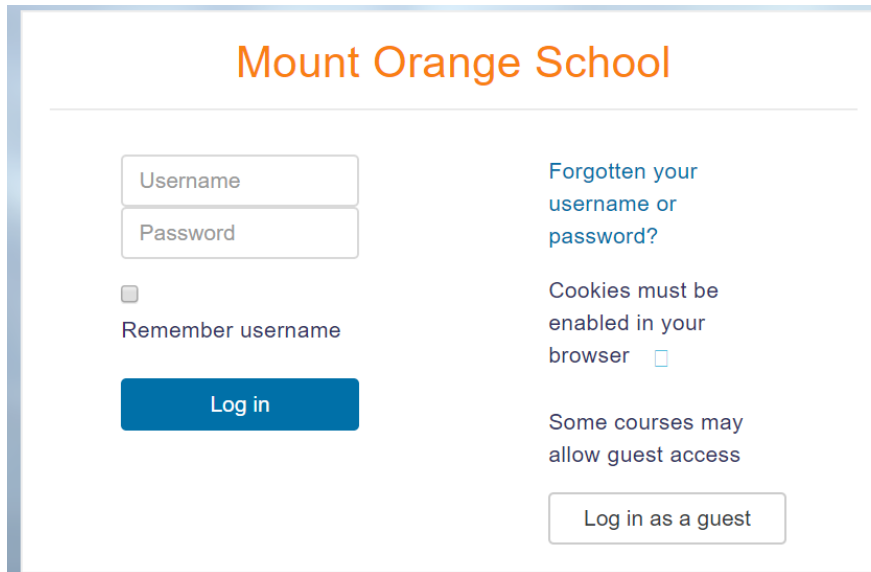
Learning Management System that enables educators to create their own private Course  
i.e. Moodle



# Activity 1 - Exploring MOODLE as a "Student"

Step 1: Access the MOODLE Demo Site (See fig below) by clicking on this link below.

<http://school.demo.moodle.net/login/index.php>



The screenshot shows the Moodle login interface for Mount Orange School. At the top, the school name "Mount Orange School" is displayed in orange. Below this, there are two input fields for "Username" and "Password". A checkbox labeled "Remember username" is positioned below the password field. A blue "Log in" button is located below the "Remember username" checkbox. To the right of the login fields, there is a link for "Forgotten your username or password?". Below this link, a message states "Cookies must be enabled in your browser" with a small square icon. At the bottom right, there is a link for "Log in as a guest".

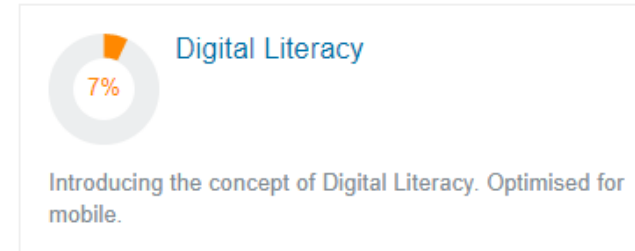
Step 2: Login to the site using the following credentials

Username: student

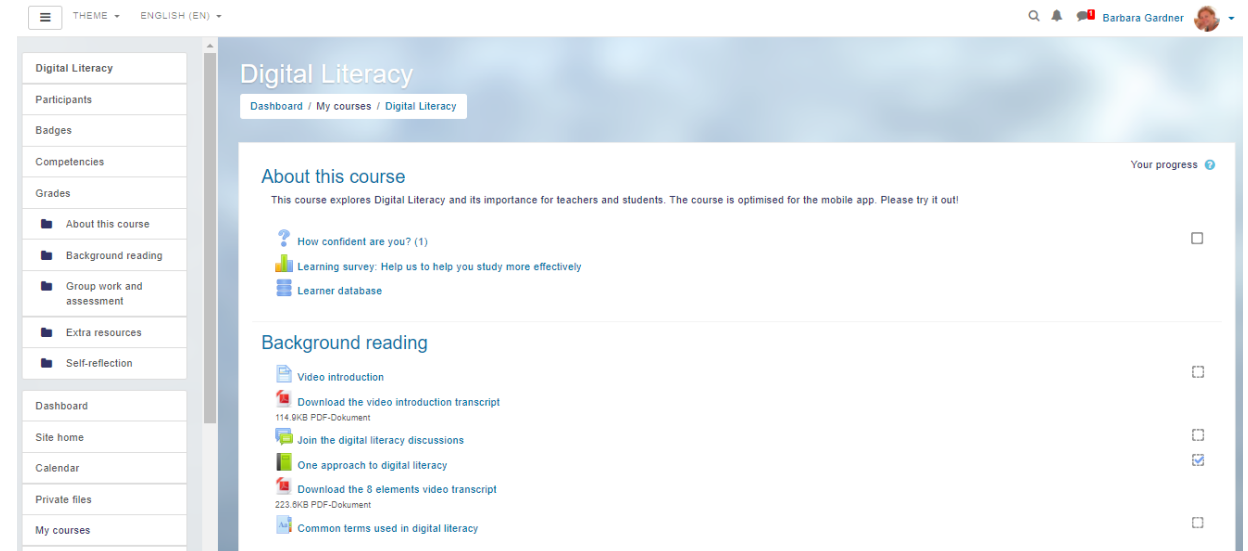
Password: moodle

# Activity 1 - Exploring MOODLE as a "Student"

Step 3: Select the course "Digital Literacy" from the courses



Step 4: Do all the activities in the course and experience the various type of learning features available in MOODLE.



THEME ENGLISH (EN) Barbara Gardner

Digital Literacy

Participants

Badges

Competencies

Grades

About this course

Background reading

Group work and assessment

Extra resources

Self-reflection

Dashboard

Site home

Calendar

Private files

My courses

Digital Literacy

Dashboard / My courses / Digital Literacy

About this course

This course explores Digital Literacy and its importance for teachers and students. The course is optimised for the mobile app. Please try it out!

Your progress

How confident are you? (1)

Learning survey: Help us to help you study more effectively

Learner database

Background reading

Video introduction

Download the video introduction transcript

114.9KB PDF-Dokument

Join the digital literacy discussions

One approach to digital literacy

Download the 8 elements video transcript

223.6KB PDF-Dokument

Common terms used in digital literacy

# Activity 2 – Exploring WordPress vs MOODLE as a "Student"

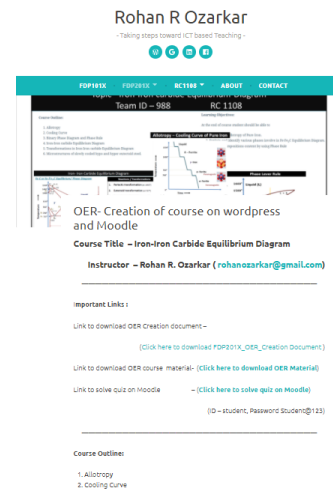


for WordPress Demo

Step 1: Access the WordPress Demo Site (See fig below) by clicking on this link below.

<https://rohanozarkarstrikingly.wordpress.com/fdp201x-pedagogy-for-online-and-blended-teaching-learning-process/oer-creation-of-course-on-web-page-and-moodle/>

Step 2: Follow all instructions and do the activities listed on webpage



# Activity 2 – Exploring WordPress vs MOODLE as a "Student"



Step 1: Access the Moodle Demo Site (See fig below) by clicking on this link below.

<https://rohanozarkar0704.gnomio.com/login/index.php>

rohanozarkar0704.gnomio.com

Username

Password

Remember username

Log in

[Forgotten your username or password?](#)

Cookies must be enabled in your browser [?](#)

Step 2: Login to the site using the following credentials

Username: student

or

Username: student@123

Password: Student@123

Password: Student@123

# Activity 2 – Exploring WordPress vs MOODLE as a "Student"



Step 3: Select the course "Phase Diagram" from the courses (if ask).

My courses

[Iron-Iron Carbide Equilibrium Diagram](#)

This is 1 day short course. In this course allotropy and cooling curve of pure iron will be discuss along with Fe-Fe<sub>3</sub>C Equilibrium Diagram. Phase rule for binary phase diagram is also part of discussion.  
Instructor - Rohan R Ozarkar (rohanozarkar@gmail.com)



Step 4: Do all the activities in the course and experience the various type of learning features available in MOODLE. (like quiz, forum, survey and assignment)

# MOODLE using Gnomio

## Feature available

- Creating own Moodle Webpage
- **Verify email id to activate Gnomio account**
- **Editing webpage title**
- **Add Course/Edit Course**
- **Edit section in course**
- **Adding resources Media (Document, file, PPT, Video)**
- **Creating Quiz/ Questions – Grading Policies**
- **Creating assignment (Add document)**
- **Discussion forum**
- **Enroll participant & enroll users for course**
- **Wiki Creation**

# MOODLE using Gnomio

## 1. Creating own Moodle Page



Here you find screencast to crate own Moodle site on Gnomio–

<https://youtu.be/wkMWLDEOIp0>

# MOODLE using Gnomio

## 1. Creating own Moodle Page



Step 1: Access the Moodle Site by clicking on this link below.

<https://www.gnomio.com/>

Secure | <https://www.gnomio.com/>

**New!**

# Gnomio

**DISCOVER THE ULTIMATE E-LEARNING TOOL!**

Learn to use [Moodle](#), the most widely used open source learning tool.  
Create your own **free** e-learning site without limits on the number of users or courses.  
Fill out the form below and you will have your Moodle online within a few minutes.  
And now including [BigBlueButton](#) web conferencing!

**Create your site**

Name: .gnomio.com E-mail:

Only lowercase letters and numbers. (2-32 Chars) We promise not to use your e-mail for anything else.

[About us](#) [Advertising and Donations](#)

**Tweets by @GnomioNews**

**Gnomio** @GnomioNews  
All Gnomio sites have been upgraded to #moodle 3.3.3 [docs.moodle.org/dev/Moodle\\_3.3...](https://docs.moodle.org/dev/Moodle_3.3...)  
Nov 13, 2017

**Gnomio** @GnomioNews  
All Gnomio sites have been upgraded to #moodle 3.3.2 [docs.moodle.org/dev/Moodle\\_3.3...](https://docs.moodle.org/dev/Moodle_3.3...)  
Sep 11, 2017

[Embed](#) [View on Twitter](#)



# MOODLE using Gnomio

## 1. Creating own Moodle Page



Step 2: Below title create your site insert valid Name and email ID > Create.

Secure | <https://www.gnomio.com>

**New!**

# Gnomio

**DISCOVER THE ULTIMATE E-LEARNING TOOL!**

Learn to use [Moodle](#), the most widely used open source learning tool.  
Create your own **free** e-learning site without limits on the number of users or courses.  
Fill out the form below and you will have your Moodle online within a few minutes.  
And now including [BigBlueButton](#) web conferencing!

**Create your site**

Name: .gnomio.com E-mail:

Only lowercase letters and numbers. (2-32 Chars) We promise not to use your e-mail for anything else.

[About us](#) [Advertising and Donations](#)

(Name must contain only lowercase letters and number)

Eg. Name – rohanozarkar123  
Email id – rohanozarkar@gmail.com

# MOODLE using Gnomio

## 1. Creating own Moodle Page



Step 3: Verify Id by checking mail inbox. User ID and Password is sent to you in same mail.

Gmail ▾



COMPOSE

Inbox (12)  
Starred  
Important  
Chats  
Sent Mail  
Drafts (9)  
Categories  
Social (4)

Welcome to Gnomio Inbox x

Gnomio Support support@gnomio.com via amazonses.com  
to me ▾

Categorize this message as: Updates ▾

Hello and welcome to Gnomio.com!

Your Moodle site is at <https://rohanozarkar123.gnomio.com>

(Please do not prepend "www.")

Your login information is:

Username: admin

Password: ahPhi0sa

You may read our terms of service at <https://gnomio.com/>

Regards,

Gnomio Support Team  
<https://www.gnomio.com/>  
<https://twitter.com/GnomioNews>

Eg. Check email Inbox for site, username and password

Moodle site –

<https://rohanozarkar123.gnomio.com>

Username – admin

Password – ahPhi0sa

# MOODLE using Gnomio

## 1. Creating own Moodle Page



Step 4: Click on link of Moodle site. Use Username and Password to Login.

<https://rohanozarkar123.gnomio.com/login/index.php>

rohanozarkar123.gnomio.com

admin

\*\*\*\*\*

Remember username

Log in

Forgotten your username or password?

Cookies must be enabled in your browser ?

Is this your first time here?

For full access to this site, you first need to create an account.

Create new account

Eg. Click on Moodle site –

<https://rohanozarkar123.gnomio.com>

Username – admin

Password – ahPhi0sa

Login

# MOODLE using Gnomio

## 1. Creating own Moodle Page



This is how you see page at the end

Secure | https://rohanozarkar123.gnomio.com

Rohanozarkar123 Admin User

Home  
Dashboard  
Calendar  
Private files  
Site administration

Switch off the advertising on this site for

rohanozarkar123.gnomio.com

Welcome to your Moodle site  
Now, you are in control!

Here are some links of interest:

- [Moodle manuals](#)
- [Moodle support site](#)
- [Moodle release notes](#)

CALENDAR

November 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Here you find video to create own Moodle site on Gnomio—  
<https://youtu.be/wkMWLDEOIp0>

# MOODLE using Gnomio

## 2. Edit own Profile



Here you find screencast to edit own Profile on Gnomio–

<https://youtu.be/4yYWHusCDyU>

# MOODLE using Gnomio

## 2. Edit own Profile



Step 1: Click on **arrow** ( ▾ ) provided at right side of admin user > Click Profile

The screenshot shows a web browser window with the URL <https://rohanozarkar123.gnomio.com>. The page title is "Rohanozarkar123". In the top right corner, the user is identified as "Admin User" with a profile icon and a dropdown arrow. The dropdown menu is open, showing options: Dashboard, Profile (highlighted in yellow), Grades, Messages, Preferences, Log out, and Switch role to... The main content area displays "rohanozarkar123.gnomio.com" and "Welcome to your Moodle site". A sidebar on the left contains links for Home, Dashboard, Calendar, Private files, and Site administration. A donation banner is visible in the center of the page.

# MOODLE using Gnomio

## 2. Edit own Profile



Step 2: Click on **Setting** (  ) > select any option to **Edit profile**, **Change password**, etc.

The screenshot displays the Moodle user profile interface for 'Admin User'. At the top left, there is a profile picture placeholder and the name 'Admin User'. Below this, a breadcrumb trail reads 'Home / Dashboard / Profile'. The main content area is divided into two columns. The left column, titled 'User details', contains fields for 'Email address' (rohanozarkar@gmail.com), 'Country' (India), and 'City/town' (Pune). An 'Edit profile' link is visible to the right of these details. The right column, titled 'Reports', lists various log and report options. On the right side of the page, a settings menu is open, showing options like 'Edit profile', 'Change password', 'Preferred language', 'Forum preferences', 'Editor preferences', 'Course preferences', 'Calendar preferences', 'Security keys', 'Message preferences', and 'Notification preferences'. A yellow circle highlights the 'Edit profile' option, and a mouse cursor is pointing at it. A 'Reset page to d' button is also visible near the settings menu.

# MOODLE using Gnomio

## 2. Edit own Profile



Step 3: Click on **Edit Profile** > add **Description** > add **User photo** > click on **Update Profile**

Home / Dashboard / Preferences / User account / Edit profile

### Edit profile

Expand all

**General**

Username

Choose an authentication method

Suspended account

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s) such as \*, -, or #

New password [Click to enter text](#)

Force password change


First name

Surname

Description

Moodle auto-format

**User picture**

Current picture 

Delete

New picture

Maximum size for new files: Unlimited, maximum attachments: 1

Use can change Password and provide details

Here you find screencast to edit own Profile on Gnomio–

<https://youtu.be/4yYWHusCDyU>



# MOODLE using Gnomio

## 3. Add and Edit Course



Here you find screencast to add course on Gnomio–

Part 1 - <https://youtu.be/X9zBfqGknwE>

Part 2 - <https://youtu.be/BzhE8cxzEzA>

# MOODLE using Gnomio

## 3. Add or Edit own Course



Step 1: Click on **Home** > Scroll down > Add a new Course

The screenshot displays the Moodle user interface. At the top left, there is a menu icon and the username 'Rohanozarkar123'. On the right, there are notification and chat icons, and the name 'Admin User'. A calendar widget shows dates from 26 to 30. The main content area features a large banner with the Moodle logo and a play button. Below the banner, there is a gear icon for settings and a button labeled '+ Add an activity or resource'. At the bottom of the main area, there is a search bar for courses with a 'Go' button. In the bottom left corner, a button labeled 'Add a new course' is highlighted with a yellow circle and a mouse cursor pointing to it.

# MOODLE using Gnomio

## 3. Add or Edit own Course



Step 2: Fill General Information ( Insert Course name full, short, ID, start and end date)

Step 3: Fill Description ( Add lines, media, document)

Add a new course

### General

Course full name	<input type="text" value="My first Moodle Course"/>
Course short name	<input type="text" value="MF101x"/>
Course category	<input type="text" value="Miscellaneous"/>
Course visibility	<input type="text" value="Show"/>
Course start date	<input type="text" value="17"/> <input type="text" value="November"/> <input type="text" value="2017"/>
Course end date	<input type="text" value="17"/> <input type="text" value="November"/> <input type="text" value="2018"/> <input checked="" type="checkbox"/> Enable
Course ID number	<input type="text"/>

### Description

Course summary

Course summary files

# MOODLE using Gnomio

## 3. Add or Edit own Course



Step 4: Course format ( Single activity / Topic / Weekly format)

Step 5: Files and uploads( Decide maximum size of uploading file in Mbs) > **Save and display**

The screenshot shows the 'Course format' settings in Moodle. A dropdown menu is open, showing options: 'Topics format', 'Single activity format', 'Social format', 'Topics format', and 'Weekly format'. The 'Topics format' option is selected. Below the settings, two course views are shown. The first view, titled 'My First Moodle Course', shows a list of topics (Topic 1, Topic 2, Topic 3) with an 'Announcements' section at the top. The second view, also titled 'My First Moodle Course', shows a weekly layout with a calendar view for '17 November - 23 November' and a 'Jump to...' field.

**Topics and All section in one page view**

**Weekly and Show one section per page**

The screenshot shows the 'Appearance' and 'Files and uploads' settings in Moodle. In the 'Appearance' section, the 'Site upload limit' is set to '256MB' and is highlighted with a yellow circle. In the 'Files and uploads' section, the 'Maximum upload size' is set to '2MB'. At the bottom, there are 'Save and display' and 'Cancel' buttons.

**Save and display** **Cancel**

# MOODLE using Gnomio

## 4. Add, Edit, Delete and Swap Topic / section Course



Here you find screencast to Edit sections on Gnomio–

[https://youtu.be/IDj\\_MDQdc1g](https://youtu.be/IDj_MDQdc1g)

# MOODLE using Gnomio

## 4. Give Name to topic



Step 1: Click on **Setting** ( ⚙ ) of Course Title > Turn editing on >

Step 2: Click on **Edit** ( ✎ ) of Topic 1 > Insert Name > Press Enter

The screenshot shows the Moodle course page for 'My First Moodle Course'. The breadcrumb trail is 'Home / Courses / MF101X'. Below the course title, there is an 'Announcements' section. A list of topics is shown: 'Topic 1', 'Topic 2', and 'Topic 3'. A settings menu is open on the right side of the page, with the 'Turn editing on' option highlighted by a yellow circle and a mouse cursor.

The screenshot shows the Moodle course page for 'My First Moodle Course' after editing. The breadcrumb trail is 'Home / Courses / MF101X'. Below the course title, there is an 'Announcements' section. A new topic has been added to the list: 'Introduction to Flip Classroom and Moodle'. The breadcrumb trail is 'Home / Courses / MF101X'. Below the course title, there is an 'Announcements' section. A new topic has been added to the list: 'Introduction to Flip Classroom and Moodle'. The breadcrumb trail is 'Home / Courses / MF101X'. Below the course title, there is an 'Announcements' section. A new topic has been added to the list: 'Introduction to Flip Classroom and Moodle'.

# MOODLE using Gnomio

## 4. Swap / Change sequence of topic



Step 1: Click on **Pan** (  ) of Section Title > Drag to desire position >

This screenshot shows a Moodle topic page with four sections. From top to bottom, they are: 'Announcements', 'Introduction to Flip Classroom and Moodle', 'Introduction to Gnomio', and 'Your Turn'. Each section has a pan icon (a plus sign with four arrows) on the left and an 'Edit' dropdown menu on the right. Below each section is a '+ Add an activity or resource' button.

**Before**

This screenshot shows the same Moodle topic page after the 'Your Turn' section has been moved to the top. The sections are now: 'Your Turn', 'Introduction to Gnomio', 'Introduction to Flip Classroom and Moodle', and 'Announcements'. The pan icon and edit options are visible for each section, and the '+ Add an activity or resource' button is present below each one.

**After**

# MOODLE using Gnomio

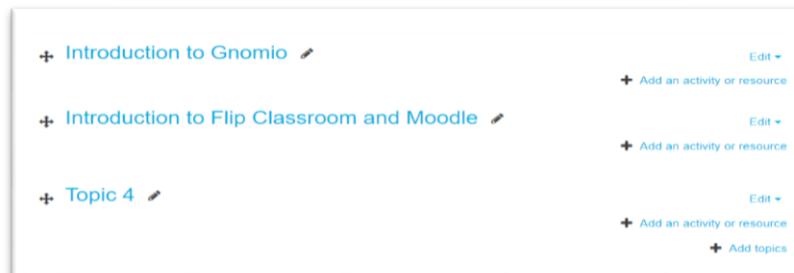
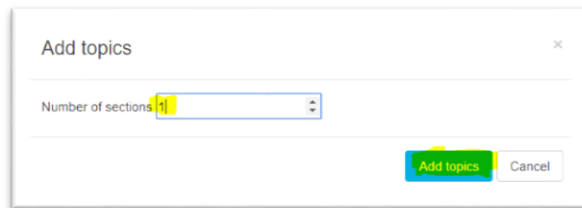
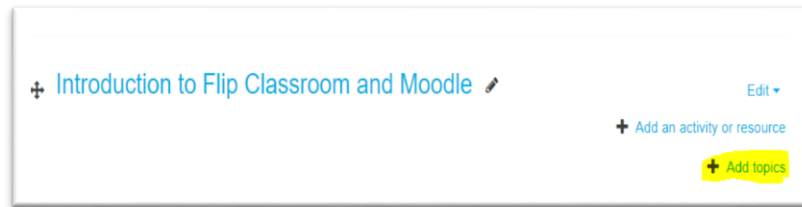
## 4. Add /delete topic ( Increase Number of section)



### To Add Topic

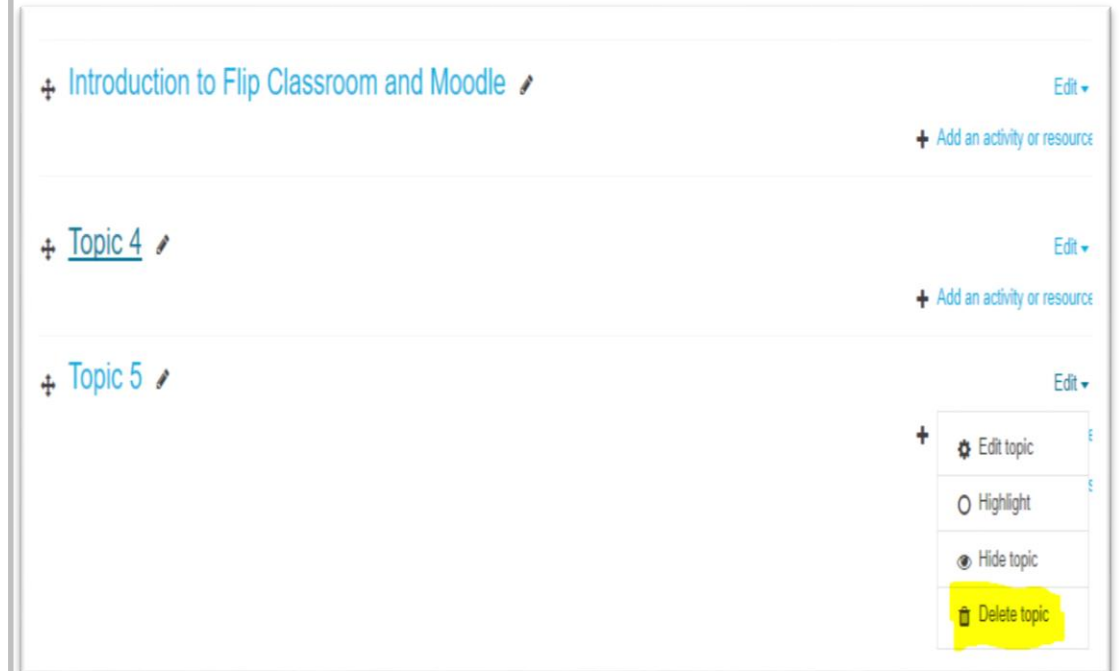
Step 1: Click on **Add Topic**

Step 2: Insert no of section > Add Topic



### To Delete Topic

Step 1: Click on **Edit** of Topic 5 > Delete topic



**(You can also hide topic)**



# MOODLE using Gnomio

## 5. Resource (Media) file Topic / section Course



Here you find screencast to add resources

[https://youtu.be/QRk83E\\_TwjY](https://youtu.be/QRk83E_TwjY)

# MOODLE using Gnomio

## 6. Quiz/ Question and Grades in Topic



Here you find screencast to Quiz (MCQ/ True Flase)

<https://youtu.be/7OKM3QFrScQ>

# MOODLE using Gnomio

## 7. Announcement, Creative Commence and Survey

Here you find screencast to Add Announcement and CC–

<https://youtu.be/6W7DvVfOtbQ>



# MOODLE using Gnomio

## 8. Add Assignment and Outcome to Question



Here you find screencast to add Assignment and Outcome–

<https://youtu.be/E7FXAqw-ebY>

# MOODLE using Gnomio

## 9. Enroll Participant to course



Here you find screencast to Enroll new user to course – **Single user**  
<https://youtu.be/vehTnMoe0pc>

Here you find screencast to Enroll new user to course – **Bulk users**  
<https://youtu.be/GmYYEVS-giM>

# MOODLE using Gnomio

## 10. Add BigBlueButton



Here you find screencast to Enroll new user to course – **Single user**  
<https://youtu.be/vehTnMoe0pc>

Here you find screencast to Enroll new user to course – **Bulk users**  
<https://youtu.be/GmYYEVS-giM>

# References

## Learning extension of Flipped classroom

<http://www.washington.edu/teaching/teaching-resources/engaging-students-in-learning/flipping-the-classroom/>

## Learning extension of Moodle

[https://www.youtube.com/playlist?list=PLjodh9S4AVi3DM0ifko\\_rXia9952BYc-k&disable\\_polymer=true](https://www.youtube.com/playlist?list=PLjodh9S4AVi3DM0ifko_rXia9952BYc-k&disable_polymer=true)

## My WordPress link for Prsenatation

[https://www.youtube.com/playlist?list=PLjodh9S4AVi3DM0ifko\\_rXia9952BYc-k&disable\\_polymer=true](https://www.youtube.com/playlist?list=PLjodh9S4AVi3DM0ifko_rXia9952BYc-k&disable_polymer=true)

**- Thank You -**



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