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

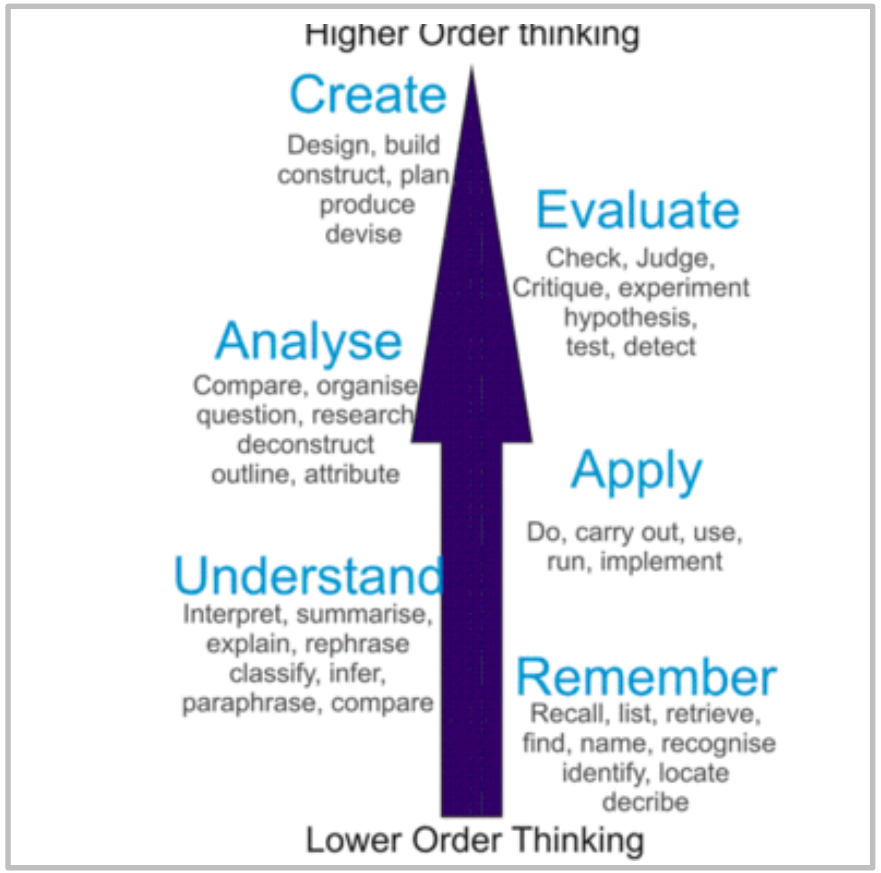
eg- Khan Academy, Edx, Coursera

- 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

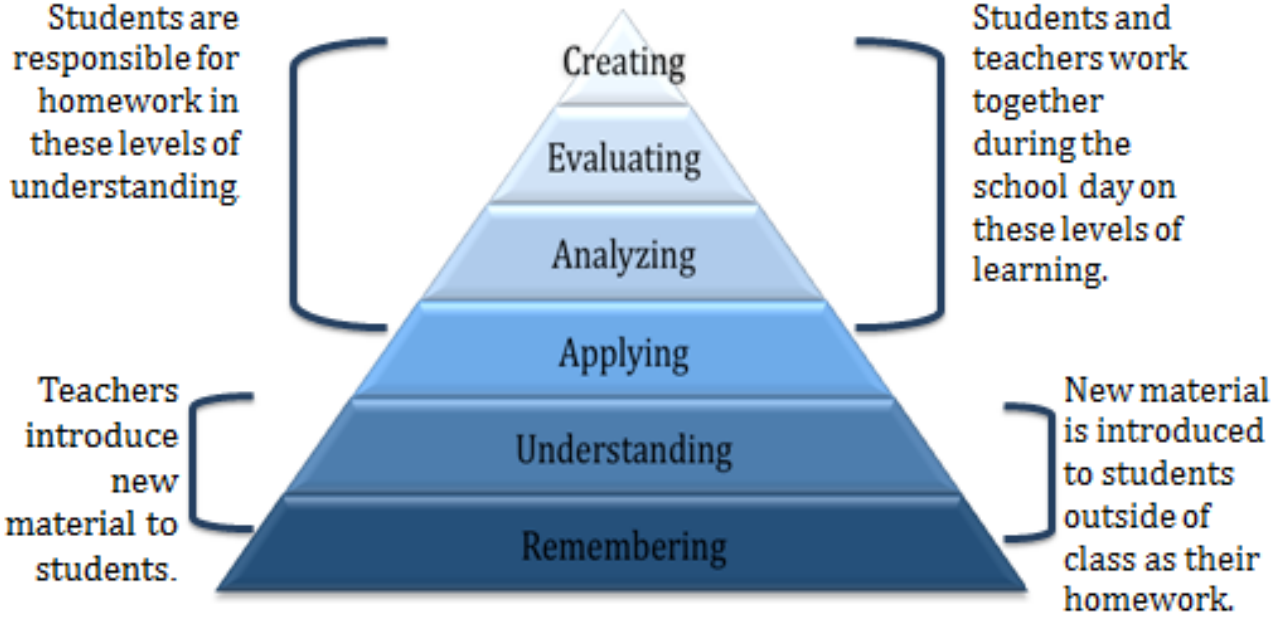
Where Teaching stands?

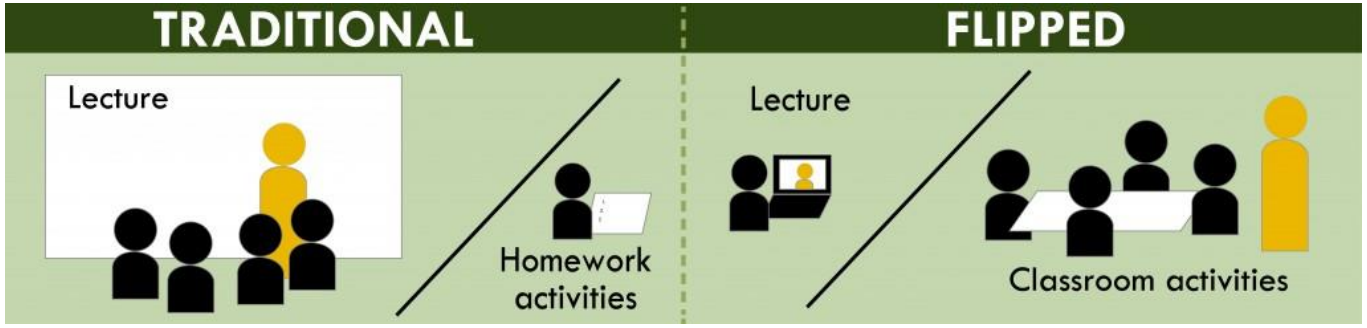


Bloom's technology LO

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,

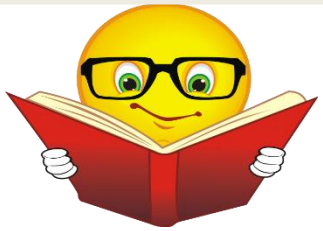
Tools for Out-of-class activities of Flip classroom

Information Shearing tools

Paper, Book

PPT's

Videos



Traditional Offline

Google Drive/Doc

WordPress

Drupal

Online/ Websites

MOOCs

EdX

Coursera

Moodle

Evolution tools

Assignment Written

Google Form/ Doc

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

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

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

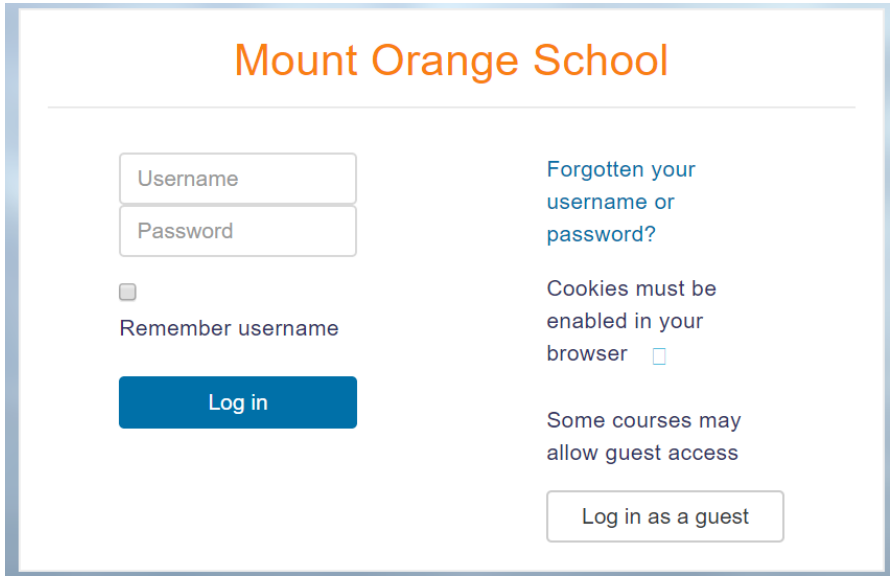
Create your own Moodle Course using

moodlecloud **Or** GNOMIO

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



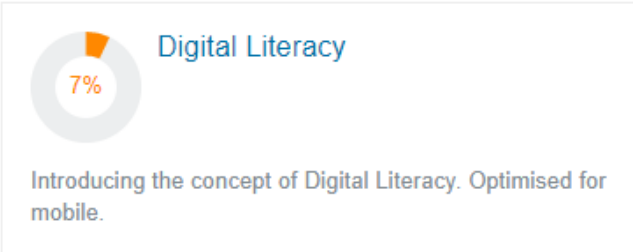
Step 2: Login to the site using the following credentials

Username: student

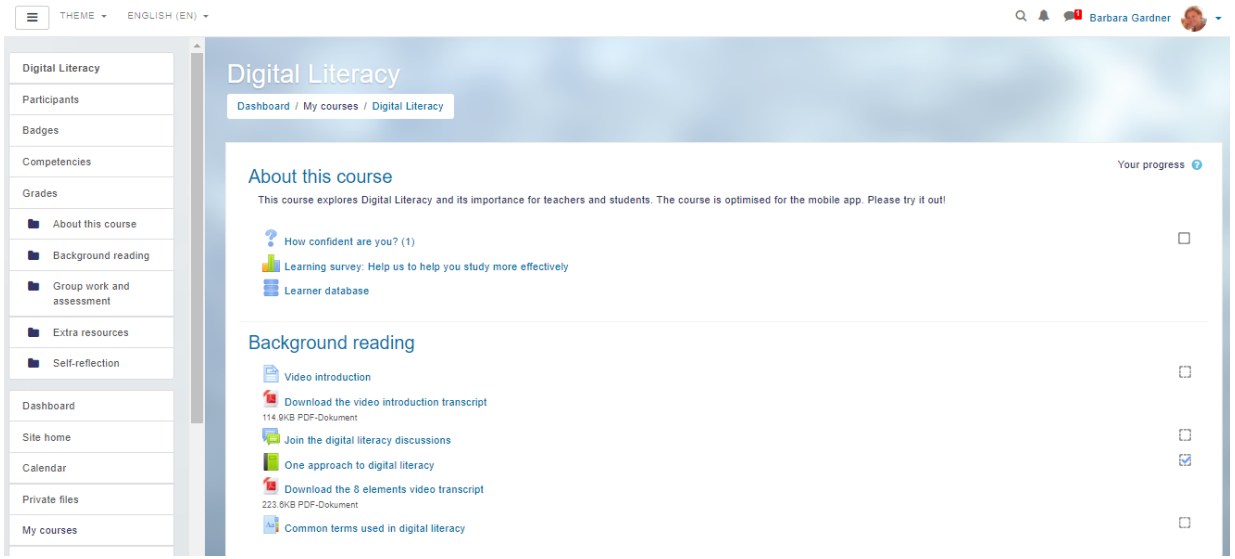
Password: moodle

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.



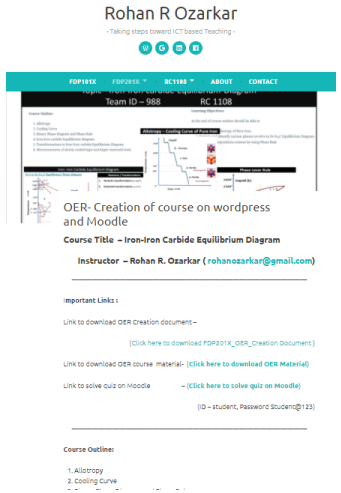
Activity 2 – Exploring WordPress vs MOODLE as a "Student"

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

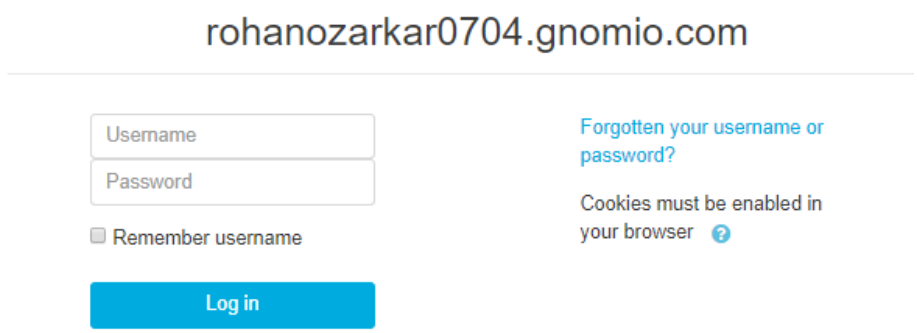


Activity 2 – Exploring WordPress vs MOODLE as a "Student"

for Moodle Demo

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

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



Step 2: Login to the site using the following credentials

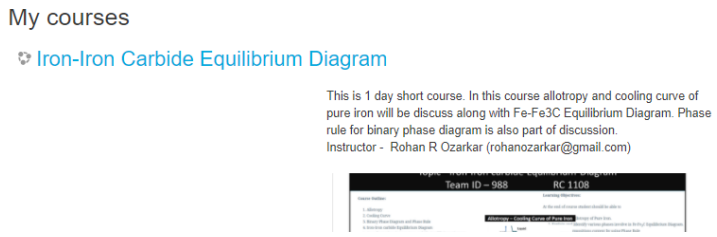
Username: student or Username: student@123

Password: Student@123 Password: Student@123

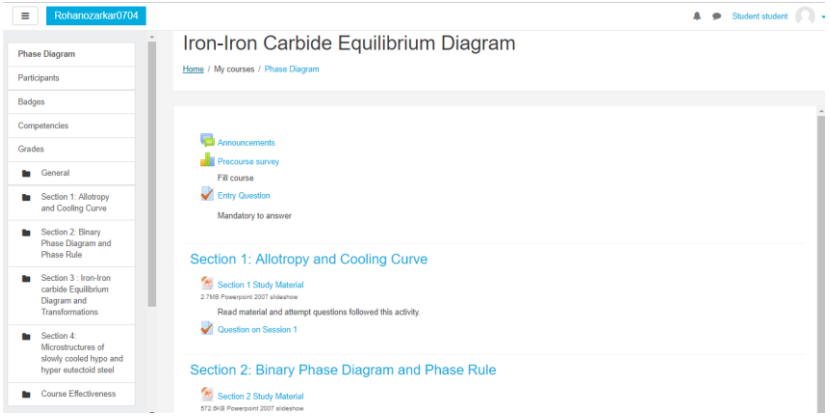
Activity 2 – Exploring WordPress vs MOODLE as a "Student"

for Moodle Demo

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



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/wkMWLDEOIpo

MOODLE using Gnomio

1. Creating own Moodle Page

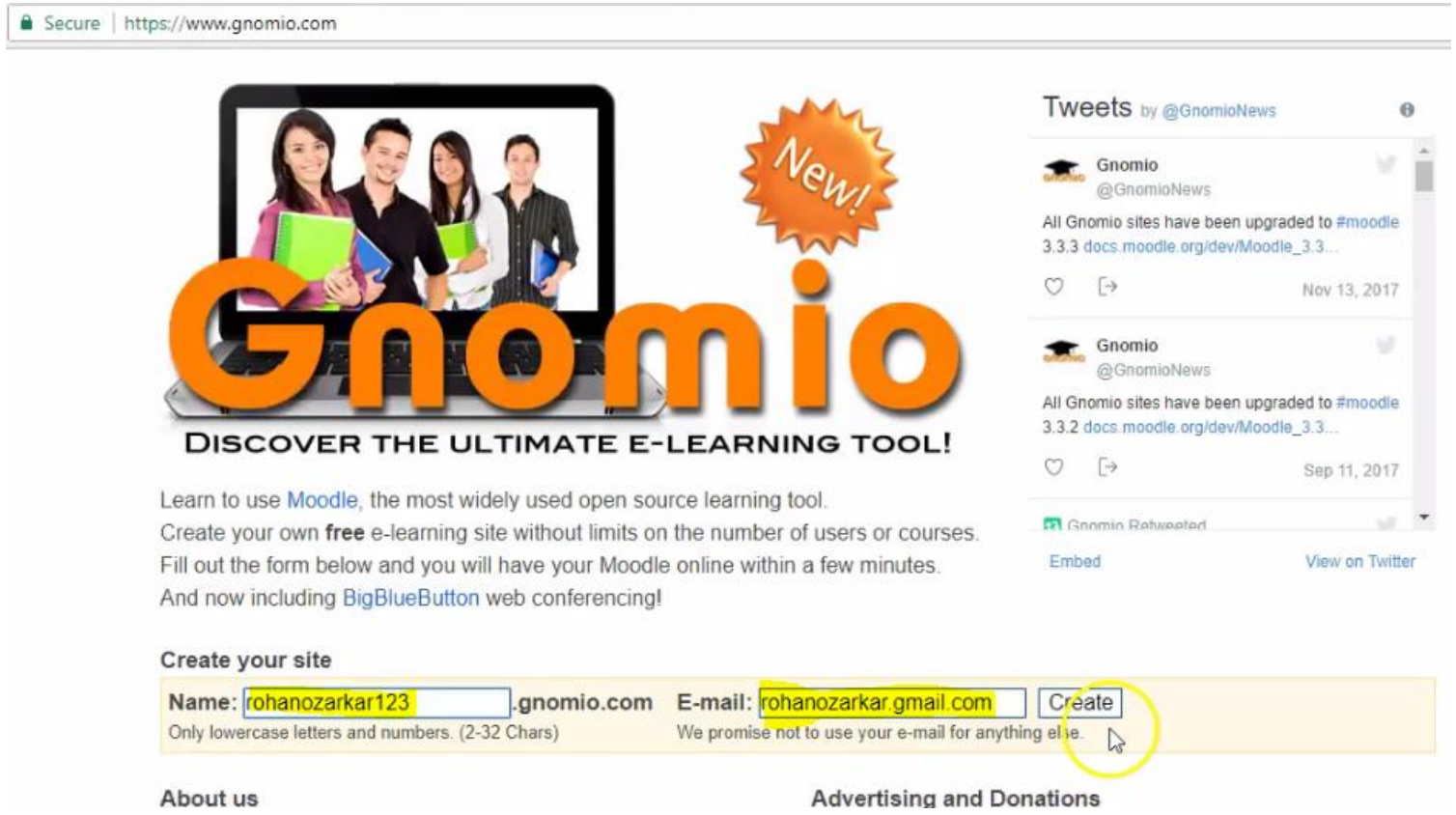
Step 1: Access the Moodle Site by clicking on this link below.

https://www.gnomio.com/

MOODLE using Gnomio

1. Creating own Moodle Page

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



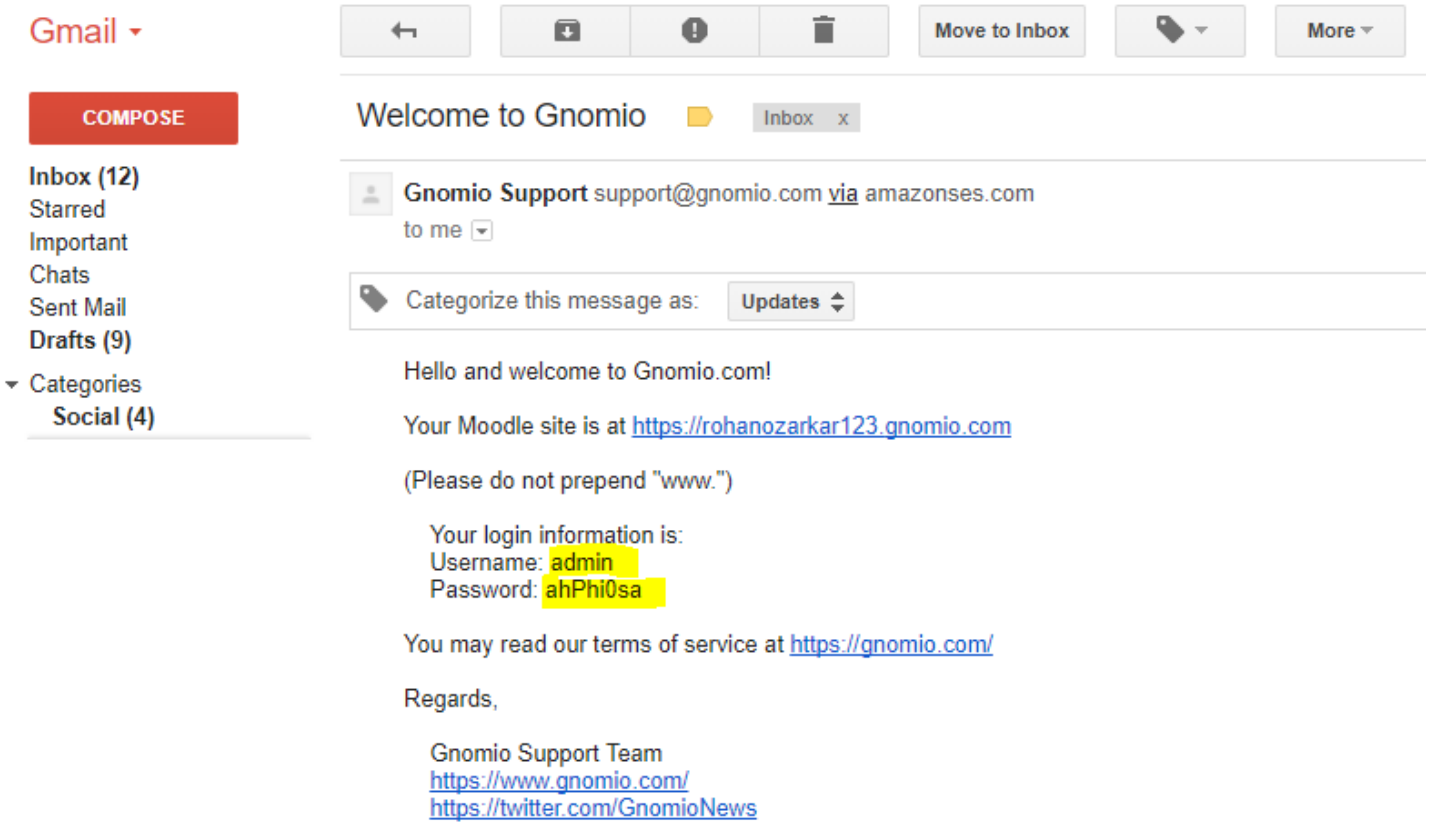
(Name must contain only lowercase letters and number)

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.



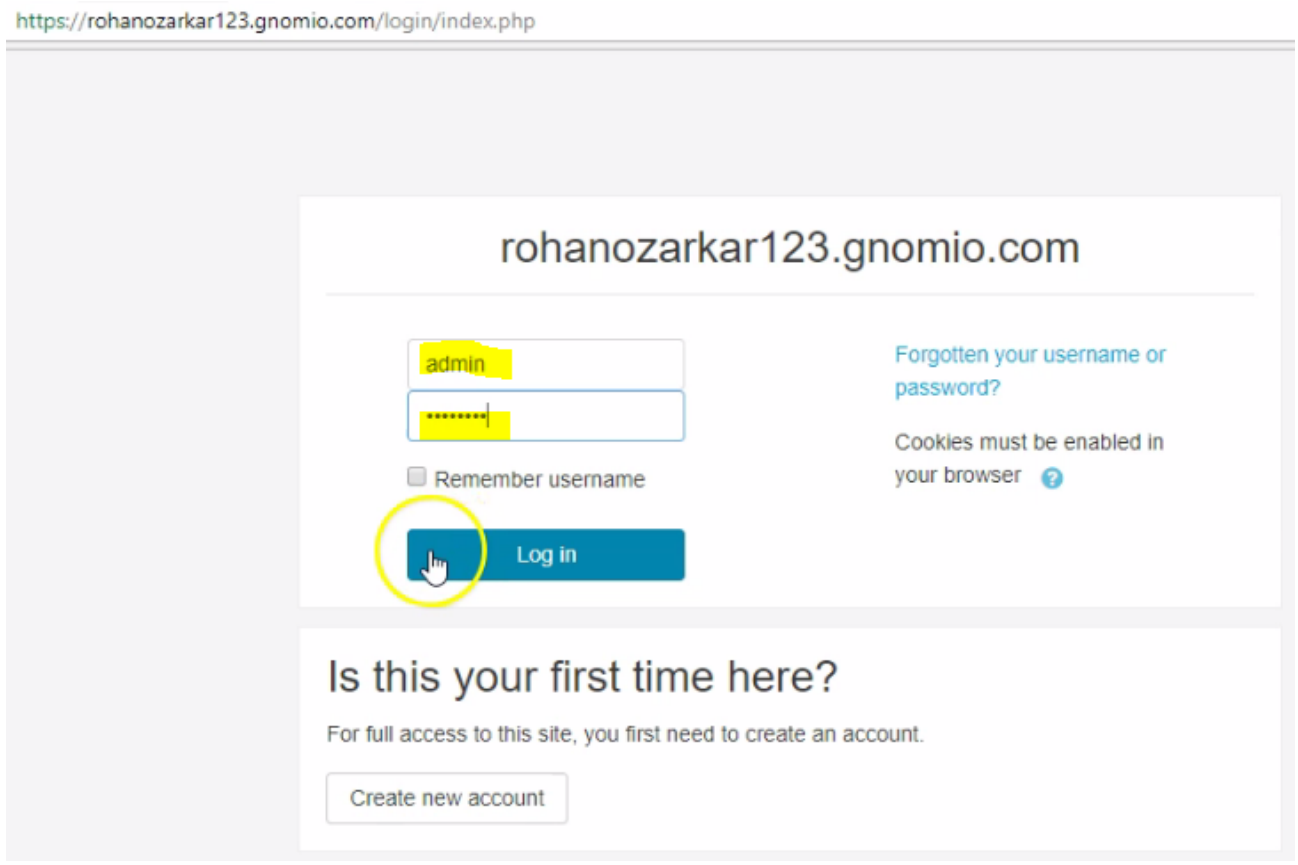
Eg. Check email Inbox for site, username and password

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.

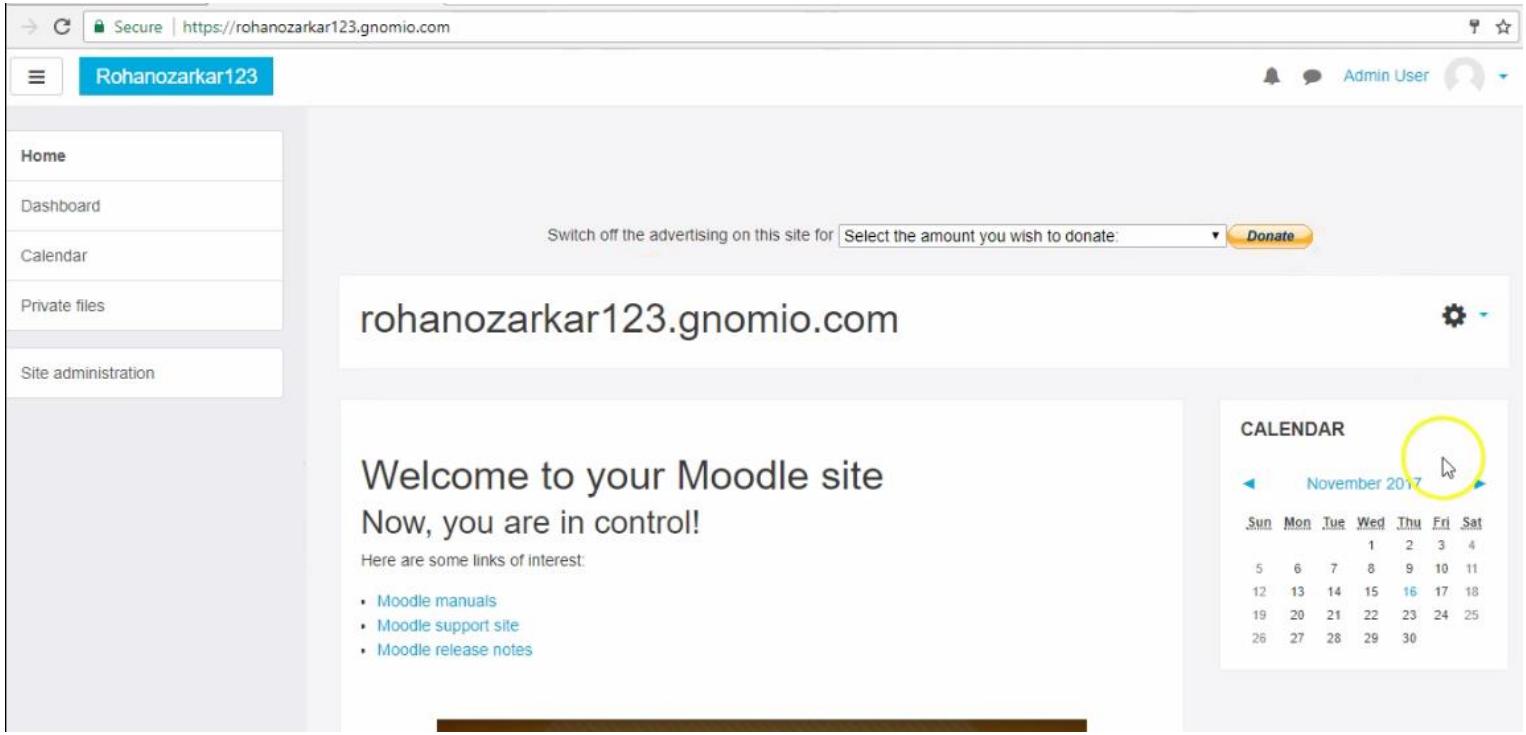


Eg. Click on Moodle site –
https://rohanozarkar123.gnomio.com
Username – admin
Password – ahPhi0sa
Login

MOODLE using Gnomio

1. Creating own Moodle Page

This is how you see page at the end



Here you find video to crate own Moodle site on Gnomio– https://youtu.be/wkMWLDEOIpo

MOODLE using Gnomio

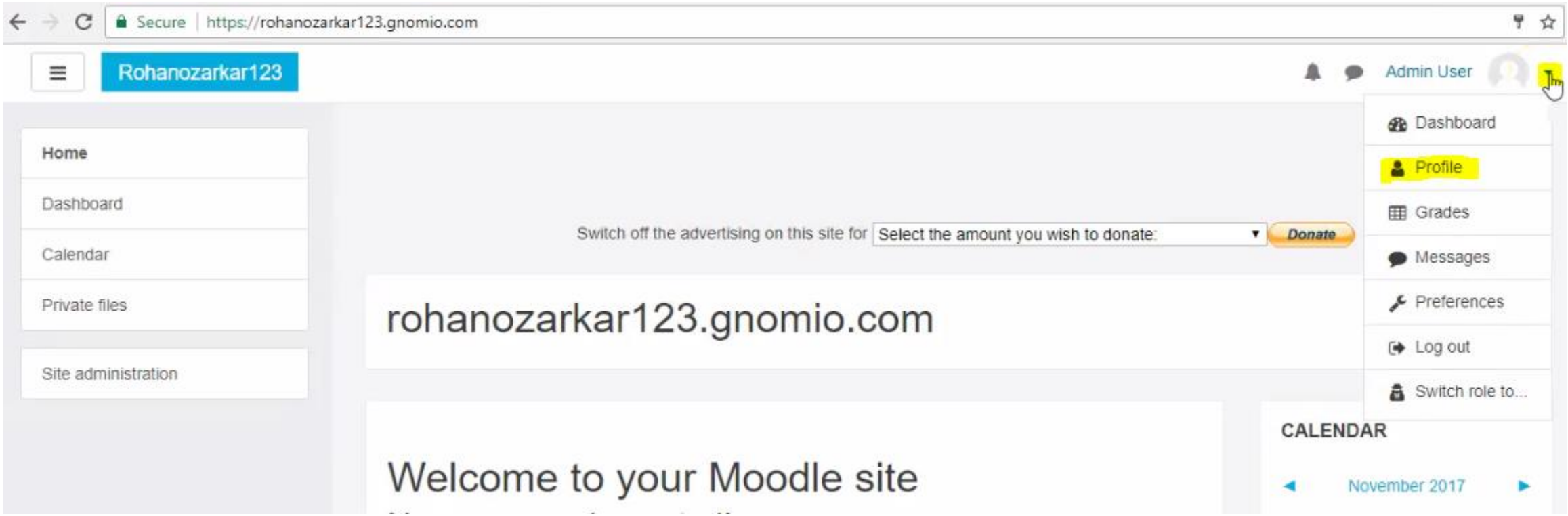
2. Edit own Profile

Here you find screencast to edit own Profile on Gnomio–

https://youtu.be/4yYWHusCDyU

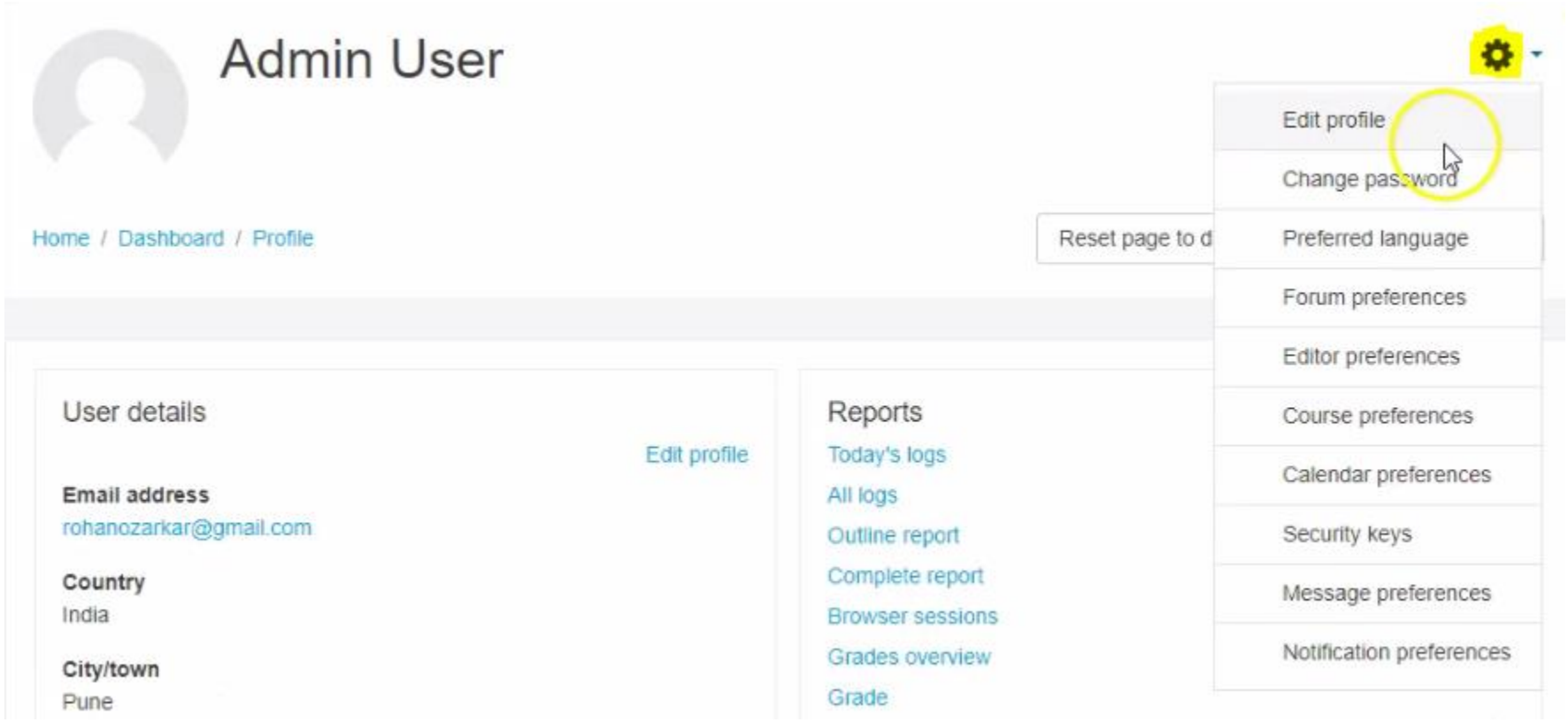
2. Edit own Profile

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



2. Edit own Profile

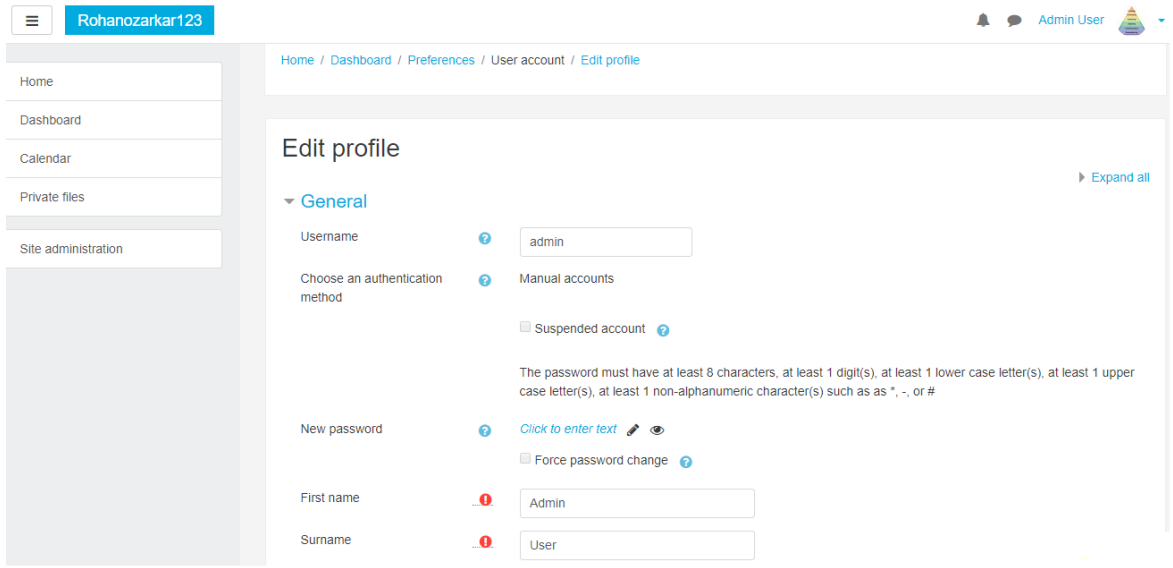
Step 2: Click on **Setting** (⚙ ▾) > select any option to **Edit profile**, **Change password**, etc.

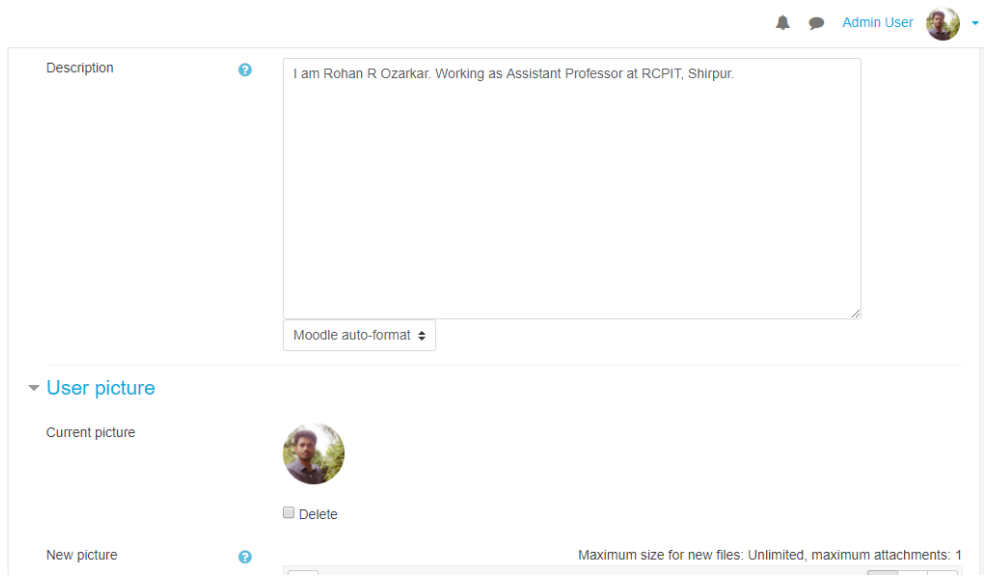


MOODLE using Gnomio

2. Edit own Profile

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





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

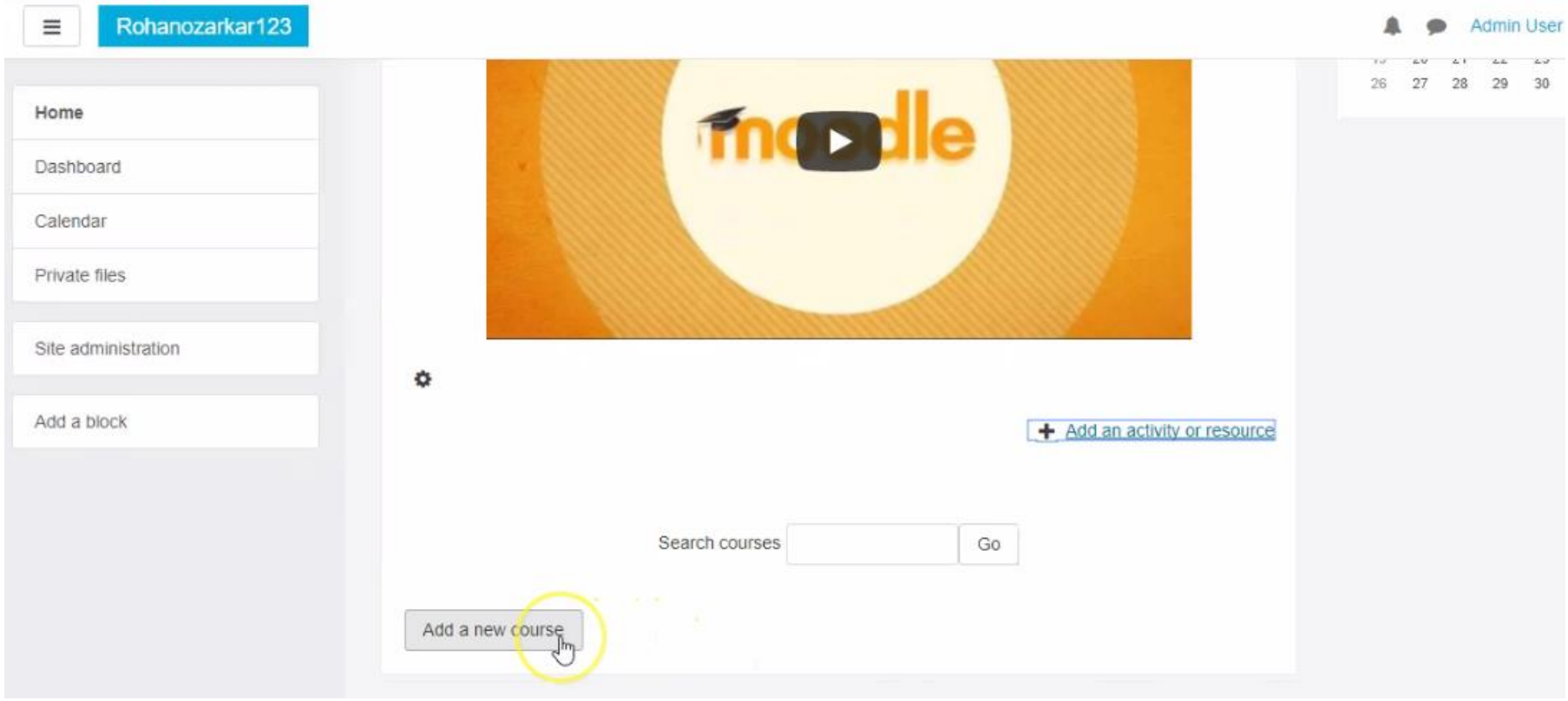
Here you find screencast to add course on Gnomio–

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

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

3. Add or Edit own Course

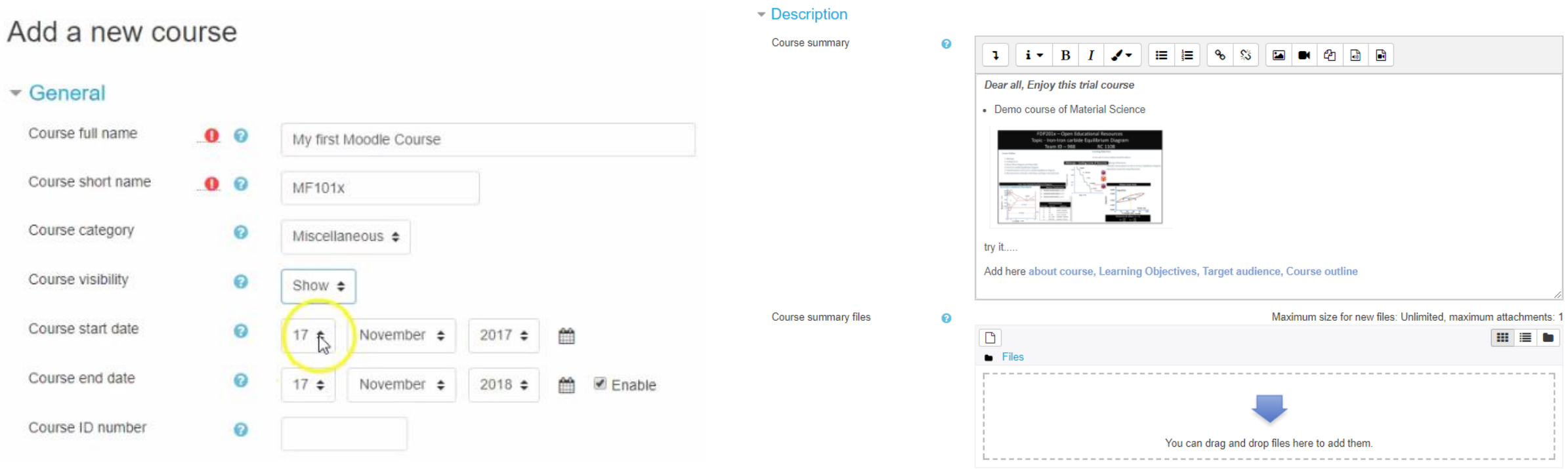
Step 1: Click on **Home** > Scroll down > Add a new Course



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)

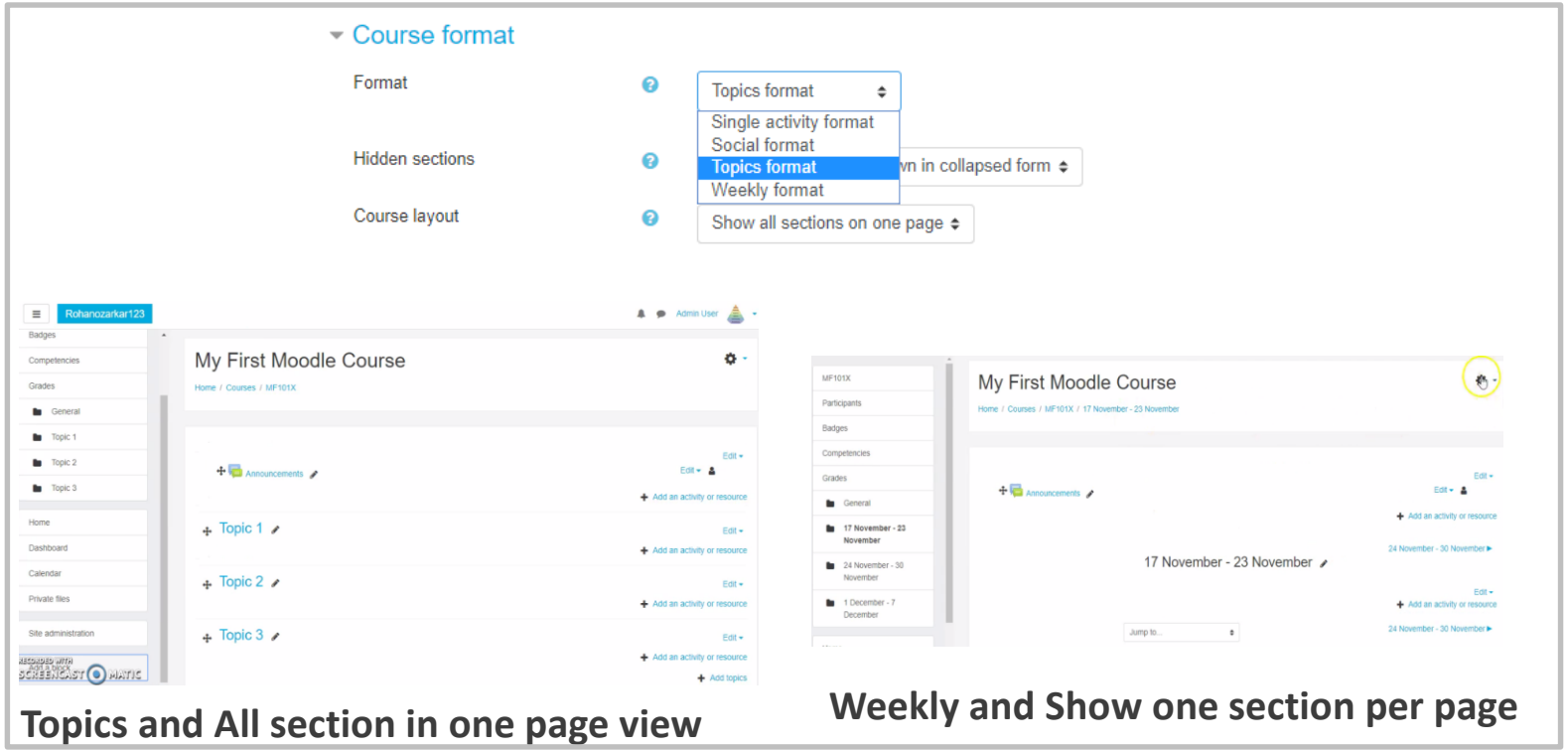


MOODLE using Gnomio

3. Add or Edit own Course

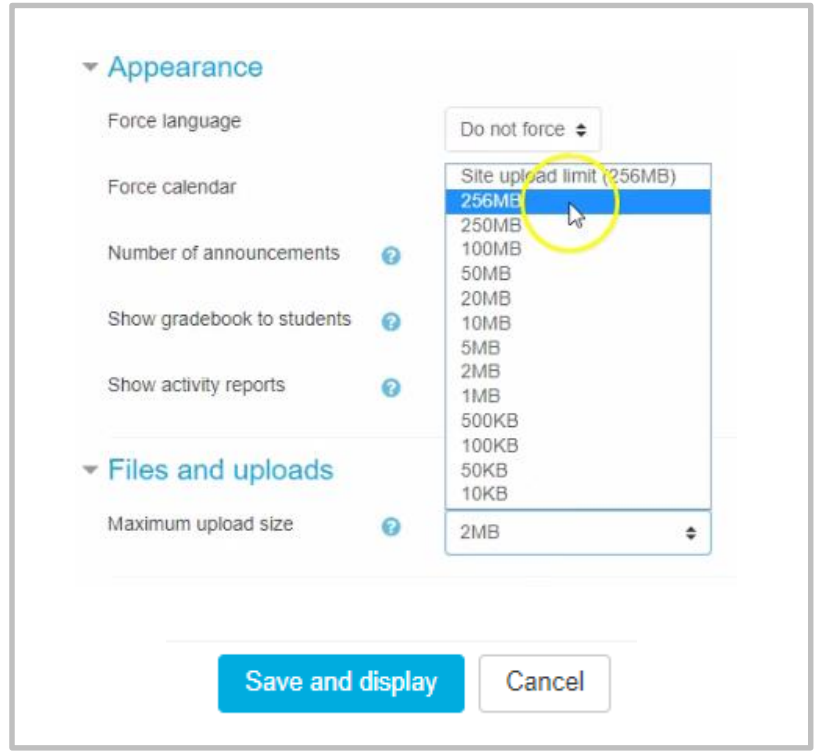
Step 4: Course format (Single activity / Topic / Weekly format)

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



Topics and All section in one page view

Weekly and Show one section per page



MOODLE using Gnomio

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

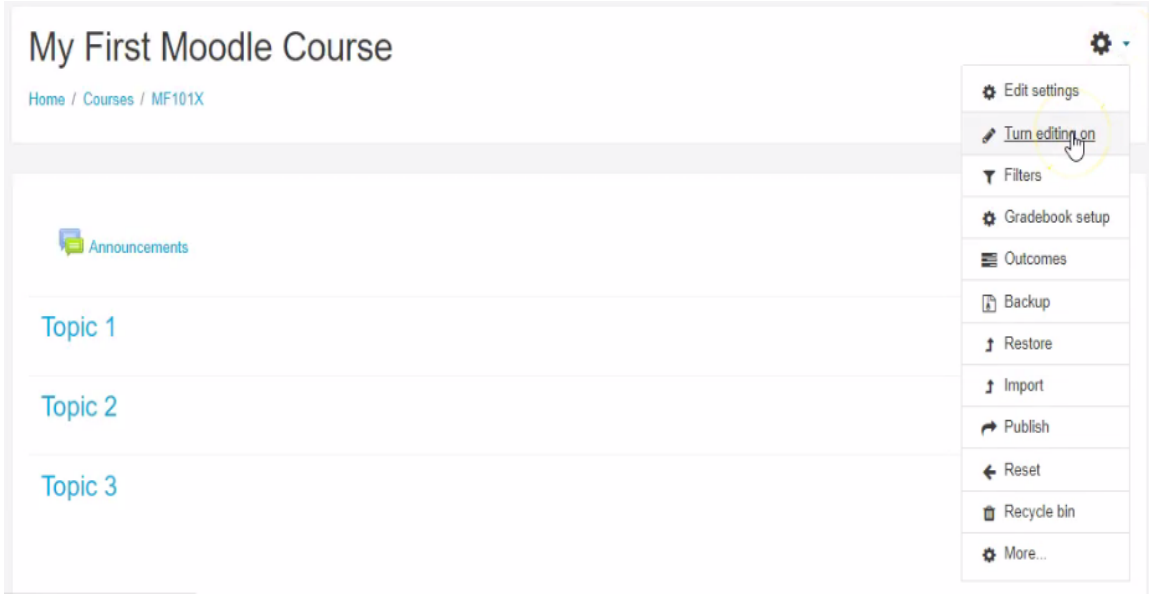
Here you find screencast to Edit sections on Gnomio–

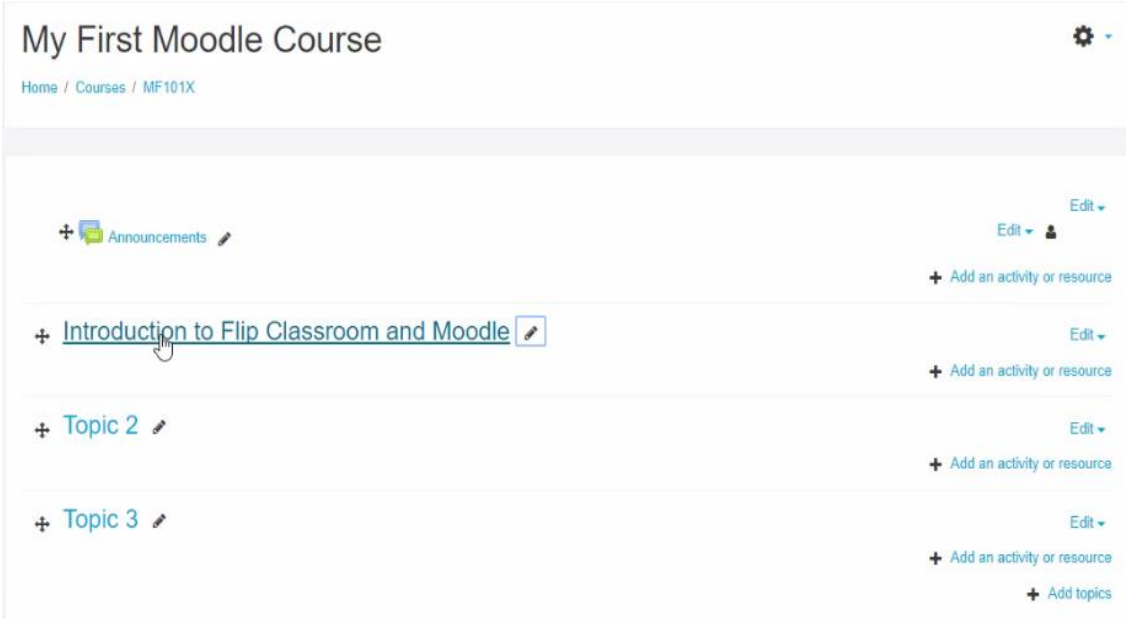
https://youtu.be/lDj_MDQdc1g

4. Give Name to topic

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

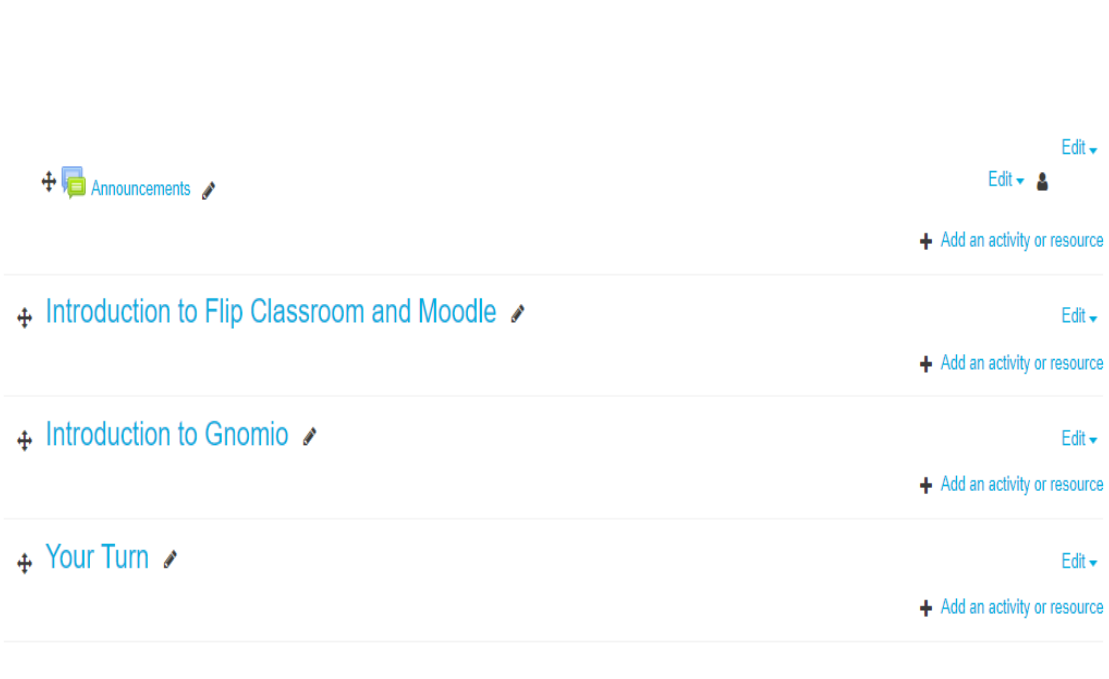
Step 2: Click on **Edit** (✎) of Topic 1 > Insert Name > Press Enter



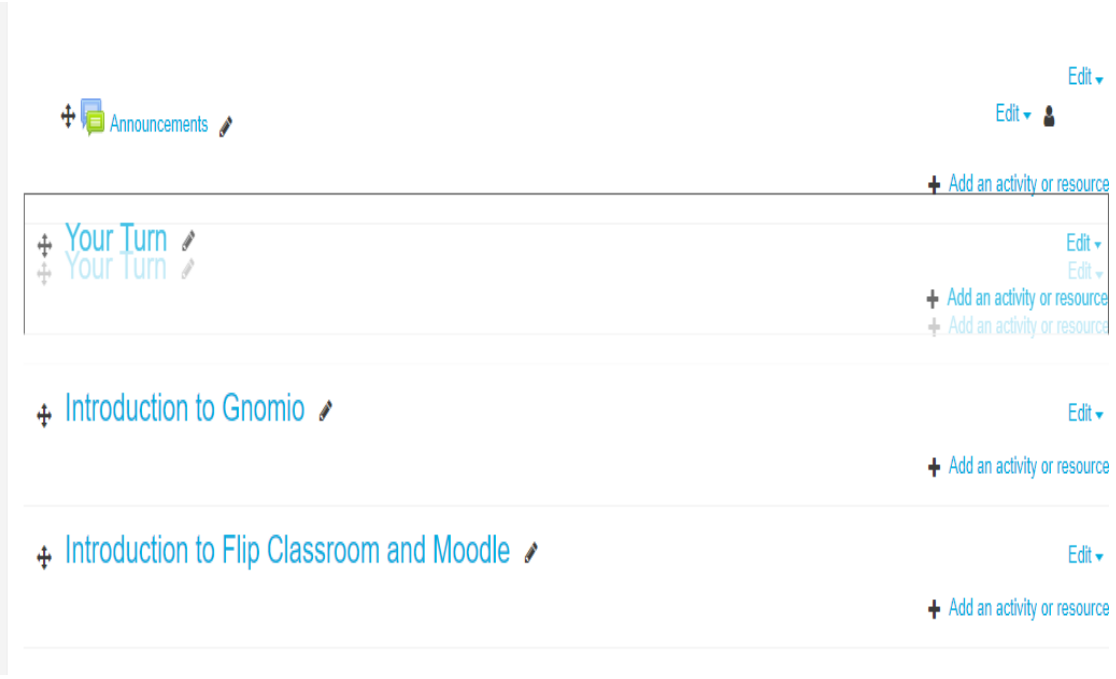


4. Swap / Change sequence of topic

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



Before



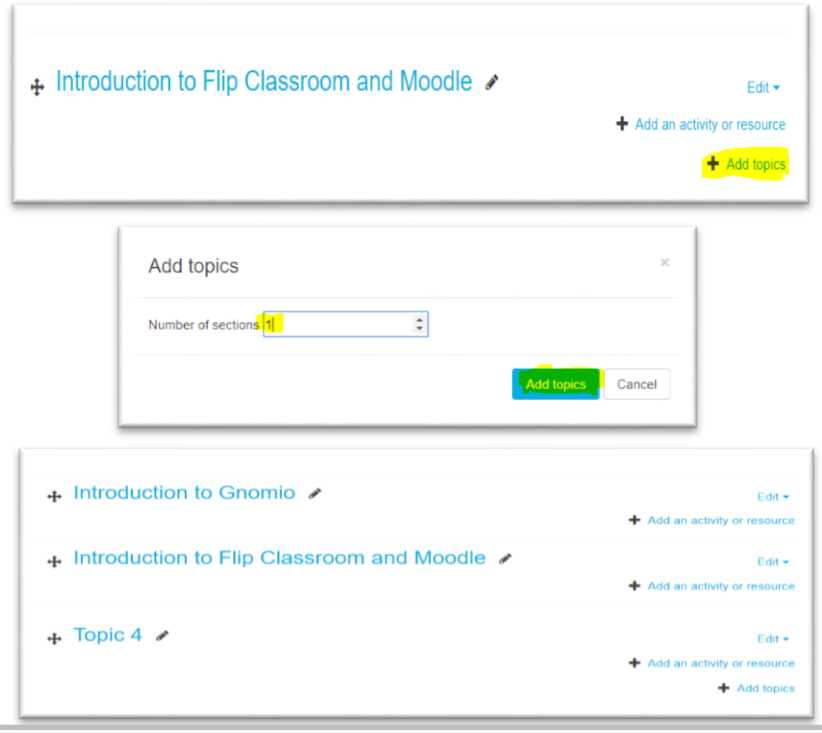
After

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

To Add Topic

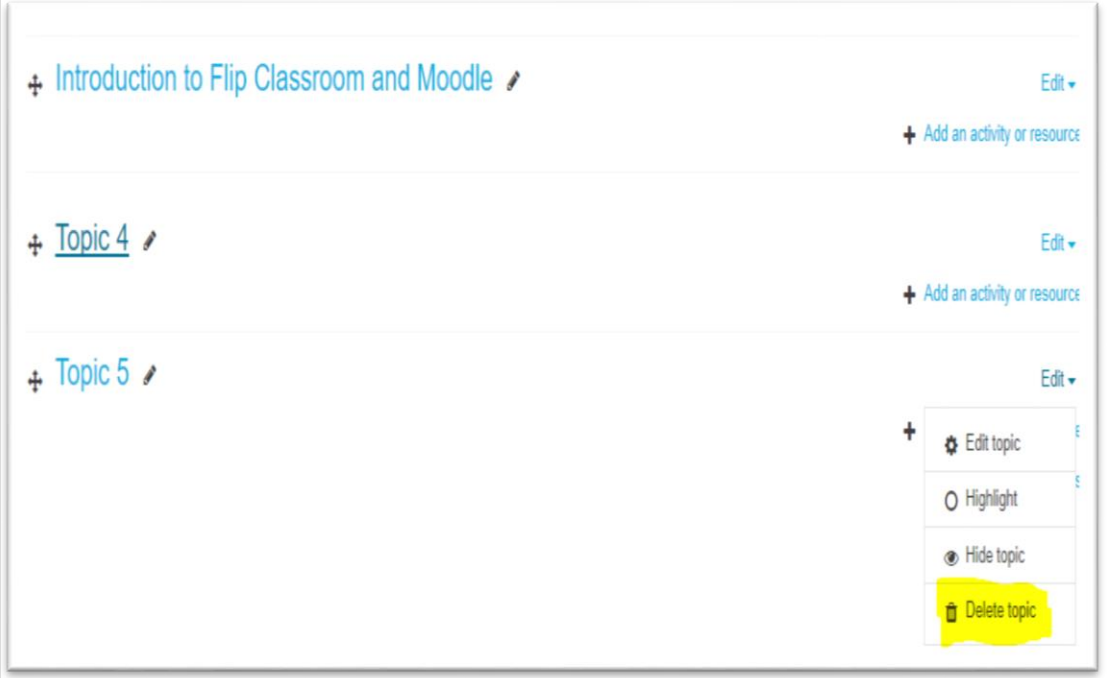
Step 1: Click on **Add Topic**

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

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 BigBlueButtonBN

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

My WordPress link for Prsenatation

https://www.youtube.com/playlist?list=PLjodh9S4AVi3DM0ifko_rXia9952BYc-k&disable_polymer=true

- Thank You -

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